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1. [Associative information network and applications to an intelligent search engine.](#)  
by Qin, An, Ph.D., Chinese University of Hong Kong (People's Republic of China), 1998, 142 pages;  
AAT 9913213

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1. [The Characteristic Analysis of the DARE Visual Space](#)

*Jin Zhang.* *Information Retrieval.* Boston: Apr 2001. Vol. 4, Iss. 1; p. 61

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2. [Information retrieval on the Web](#)

*Mei Kobayashi, Koichi Takeda.* *ACM Computing Surveys.* Baltimore: Jun 2000. Vol. 32, Iss. 2; p. 144 (30 pages)

 [Page Image - PDF](#)
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3. [Evaluation of Advanced Retrieval Techniques in an Experimental Online Catalog](#)

*Ray R Larson.* *Journal of the American Society for Information Science (1986-1998).* New York: Jan 1992. Vol. 43, Iss. 1; p. 34 (20 pages)

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 [Abstract](#)

4. [Retrieval Effectiveness by Semantic and Citation Searching](#)

*Miranda Lee Pao, Dennis B Worthen.* *Journal of the American Society for Information Science (1986-1998).* New York: Jul 1989. Vol. 40, Iss. 4; p. 226 (10 pages)

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	67499	vector\$ and (index\$ or indices or pointer)	US-PGPUB; USPAT	OR	OFF	2005/01/06 10:45
L2	1581	(vector\$ and (index\$ or indices or pointer)) same retriev\$	US-PGPUB; USPAT	OR	OFF	2005/01/06 10:45
L3	481	L2 and ("707"/\$.ccls.)	US-PGPUB; USPAT	OR	OFF	2005/01/06 10:39
L4	288	I3 and algorithm	US-PGPUB; USPAT	OR	OFF	2005/01/06 10:40
L5	146	L4 and (keyword or (key near word))	US-PGPUB; USPAT	OR	OFF	2005/01/06 10:40
L6	1	full	US-PGPUB; USPAT	OR	OFF	2005/01/06 10:40
L7	38770	vector\$ and (index\$ or indices or pointer)	EPO; JPO; DERWENT	OR	OFF	2005/01/06 10:45
L8	126	(vector\$ and (index\$ or indices or pointer)) same retriev\$	EPO; JPO; DERWENT	OR	OFF	2005/01/06 10:45
L9	5	full	EPO; JPO; DERWENT	OR	OFF	2005/01/06 10:48
L10	0	I8 and algorithm and convolut\$	EPO; JPO; DERWENT	OR	OFF	2005/01/06 10:48

09/852881- Ex. Garf

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	<i>full</i>	1 "20030028448".pn.	US-PGPUB	OR	OFF	2005/01/04 16:44
L3	0	(keyword or (key near1 word)) same extract same answer same search same query	US-PGPUB	OR	OFF	2005/01/04 17:07
L4	<i>full</i>	7 (keyword or (key near1 word)) same extract same answer	US-PGPUB	OR	OFF	2005/01/04 17:06
L5	1902	707/1.ccls.	US-PGPUB	OR	OFF	2005/01/04 17:08
L6	<i>full</i>	18 (keyword or (key near1 word)) same extract\$ same answer	US-PGPUB	OR	OFF	2005/01/04 17:07
L7	<i>full</i>	2 l5 and l6	US-PGPUB	OR	OFF	2005/01/04 17:08
L8	<i>front page</i>	197 707/2.ccls.	US-PGPUB	OR	OFF	2005/01/04 17:08
L9	0	l8 and l6	US-PGPUB	OR	OFF	2005/01/04 17:08
L10	9435	keyword or (key near1 word) or keywords or (key near1 words)	US-PGPUB	OR	OFF	2005/01/04 17:09
L11	<i>full</i>	11 (keyword or (key near1 word) or keywords or (key near1 words)) same extract same answer	US-PGPUB	OR	OFF	2005/01/04 17:09
L12	456	(keyword or (key near1 word) or keywords or (key near1 words)) same extract	US-PGPUB	OR	OFF	2005/01/04 17:09
L13	<i>full</i>	36 l5 and l12	US-PGPUB	OR	OFF	2005/01/04 17:19
L14	<i>full</i>	6 l8 and l12	US-PGPUB	OR	OFF	2005/01/04 17:10
L15	<i>full</i>	10 l13 and vector	US-PGPUB	OR	OFF	2005/01/04 17:15
L16	<i>full</i>	6 l15 and algorithm	US-PGPUB	OR	OFF	2005/01/04 17:15

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3397	705/26.ccIs.	US-PGPUB; USPAT	OR	OFF	2005/01/10 09:09
L2	1166	705/27.ccIs.	US-PGPUB; USPAT	OR	OFF	2005/01/10 09:09
L3	4652	707/3.ccIs.	US-PGPUB; USPAT	OR	OFF	2005/01/10 09:09
L4	0	707/104.ccIs.	US-PGPUB; USPAT	OR	OFF	2005/01/10 09:10
L5	78771	"707"/("104.1").ccIs.	US-PGPUB; USPAT	OR	OFF	2005/01/10 09:10
L6	3706	"707"/"104.1".ccIs.	US-PGPUB; USPAT	OR	OFF	2005/01/10 09:11
L7	187	382/306.ccIs.	US-PGPUB; USPAT	OR	OFF	2005/01/10 09:11



# STIC Search Results Feedback Form

## EIC 3600

Questions about the scope or the results of the search? Contact the EIC searcher or contact:

Karen Lehman, EIC 3600 Team Leader  
306-5783, PK5- Suite 804

### Voluntary Results Feedback Form

> I am an examiner in Workgroup:  Example: 3620 (optional)

> Relevant prior art **found**, search results used as follows:

- 102 rejection
- 103 rejection
- Cited as being of interest.
- Helped examiner better understand the invention.
- Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- Foreign Patent(s)
- Non-Patent Literature  
(journal articles, conference proceedings, new product announcements etc.)

> Relevant prior art **not found**:

- Results verified the lack of relevant prior art (helped determine patentability).
- Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to EIC3600 PK5 Suite 804





# STIC Search Report

EIC 3600

STIC Database Tracking Number: 141703

**TO:** Yogesh Garg  
**Location:** 145  
**Art Unit :** 3625  
**Wednesday, January 05, 2005**  
  
**Case Serial Number:** 09/852881

**From:** Bode Akintola  
**Location:** EIC 3600  
**PK5-Suite 804, 8A01**  
**Phone:** 308-6150  
  
**Olabode.akintola@uspto.gov**

## Search Notes

Examiner Yogesh,

Please find attached the results of your search request.

Please let me know if you need a refocus.

Please take a few minutes to fill the attached colored feedback form to the EIC

Thanks,

Bode Akintola

# EIC2100 COMMERCIAL DATABASE SEARCH REQUEST

RUSH - SPE signature required: \_\_\_\_\_

Business Methods Case: 707/1-5, 709/211, 705/ 26- 27 \_\_\_\_\_

Staff Use Only

Access DB#

41703

Log

Requester's Full Name: Yogesh Garg Examiner # :78595 Date: 1/4/2005

Art Unit: 3625 Phone Number 703-306-0252 Serial Number: 09//852881

Bldg & Room #: PK5 7YOS Results Format Preferred: PAPER  DISK  E-MAIL

**If more than one search is submitted, please prioritize searches in order of need.**

## Provide the PALM Bib page or the following:

Title of Invention: See BIBDATASHEET ENCLOSED

Inventors (provide full names): See BIBDATASHEET ENCLOSED

Earliest Priority: 5/10/2001

Filing Date: 5/10/2001

## Requested attachments:

- If possible, provide the cover sheet, the IDS, examples, or relevant citations, authors, etc, if known.
- Please attach copies of the parts of this case that help explain or are most pertinent to this search. Examples are:

**Copy of PG-Pub of this application is enclosed.**

The present invention is directed to a computer implemented method and a system for responding to customer's queries comprising: extracting one or more query Key-word from the customer's query, extracting one or more answers from a database related to the received queries, extracting one or more Key-words from the extracted answers, transforming the extracted query key-word and the extracted Key-word from the answer into numerical VECTOR forms and applying a Convolution algorithm to each of the vector forms to obtain appropriate answers to the queries from the customers and automatically communicating them to the customers.

(Search Engine)

NOTE: Focus the search on searching answers from a Database, that is class 707.

Focus on Database ×  
Search Engine  
=

.....  
Special Instructions or Other Comments

Set      Items      Description  
S1      6      AU=(THYAGARAJAN V? OR THYAGARAJAN, V?)  
S2      38896      FAQ? ? OR QUESTION? OR QUERY OR QUERIES OR INQUIR? OR ENQU-  
          IR?  
S3      474787      ANSWER? OR RESPONSE? ?  
S4      10790      KEYWORD? OR KEYPHRASE? OR KEYCLAUSE? OR KEY() (WORD? OR PHR-  
          ASE? OR CLAUSE? OR TERM?)  
S5      1129556      REPOSITORY? OR DATABASE OR (DATA OR CENTRAL) ()FILE OR DATA-  
          ()BASE? OR DB OR STORAGE?  
S6      1431264      RETRIEV? OR SEARCH? OR QUER? OR FIND? OR MATCH? OR COMPAR?  
S7      71067      S6(10N)S5  
S8      337      S2(10N)S4  
S9      141      S7 AND S8  
S10     42      S9 AND S3  
? show file  
File 347:JAPIO Nov 1976-2004/Aug (Updated 041203)  
      (c) 2004 JPO & JAPIO  
File 350:Derwent WPIX 1963-2004/UD, UM &UP=200482  
      (c) 2004 Thomson Derwent

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DIALOG(R) File 347:JAPIO  
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08026794 \*\*Image available\*\*  
DOCUMENT RETRIEVAL SYSTEM AND QUESTION ANSWERING SYSTEM

PUB. NO.: 2004-139553 [JP 2004139553 A]  
PUBLISHED: May 13, 2004 (20040513)  
INVENTOR(s): NOMOTO MASAKO  
SATO MITSUHIRO  
SUZUKI HIROYUKI  
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD  
APPL. NO.: 2003-189111 [JP 2003189111]  
FILED: June 30, 2003 (20030630)  
PRIORITY: 2002-238031 [JP 2002238031], JP (Japan), August 19, 2002  
(20020819)  
INTL CLASS: G06F-017/30

#### ABSTRACT

PROBLEM TO BE SOLVED: To accurately obtain information requested by a user.

SOLUTION: A query input section 102 receives **query** inputted by the user. A retrieval **keyword** extraction section 104 analyzes the inputted **query** to extract retrieval **keywords**. A retrieval **keyword** type assignment section 106 decides the type of each extracted retrieval **keyword** and assigns a **keyword** type. A retrieval **question** type decision section 108 decides the **question** type. A retrieval **keyword** classification section 110 classifies the retrieval **keywords** to which the keyword types are assigned into a major type and a minor type with reference to the keyword classification rules stored in the keyword classification rule **storage** section 112. The document retrieval section 114 **searches** retrieval object documents stored in a **retrieval** object document **storage** section 116 using the classified keyword groups and obtains the document of the retrieved result.

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10/5/2 (Item 2 from file: 347)  
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07989735 \*\*Image available\*\*  
METHOD AND SYSTEM FOR REPLYING INQUIRY BY THE INTERNET USING AGENT

PUB. NO.: 2004-102494 [JP 2004102494 A]  
PUBLISHED: April 02, 2004 (20040402)  
INVENTOR(s): REKI TOSHIYUKI  
APPLICANT(s): NIPPON TELEGR & TELEPH CORP (NTT)  
APPL. NO.: 2002-261289 [JP 2002261289]  
FILED: September 06, 2002 (20020906)  
INTL CLASS: G06F-017/30

#### ABSTRACT

PROBLEM TO BE SOLVED: To acquire information necessary for a user out of very voluminous pieces of information on the Internet which are changing dynamically all the time, by a simple input.

SOLUTION: An **answer** preparing part 3a receives an inquiry sentence from an interface agent 1 to prepare an **answer** using an inquiry reply **database** 2. A SIONet/Web **retrieval** agent control part 3b analyzes the **answer** and the inquiry sentence, and sends back the **answer** from the **answer** preparing part 3a to the interface agent 1 when it determines that it is a sufficient **answer**. If not, first, a Web retrieving agent 4 is requested to collect a necessary sentence from a Web. In this case, a **keyword** sequence related to the **question** of the **inquiry** sentence is prepared based on the inquiry sentence, to be input to the Web retrieving agent 4. Certain number of sentences are returned from the Web **retrieving** agent 4. These are input to the inquiry reply **database** 2 to prepare an **answer** once again in the **answer** preparing part 3a.

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07908861 \*\*Image available\*\*  
HELPDESK SERVICE METHOD AND HELPDESK SERVICE SYSTEM

PUB. NO.: 2004-021620 [JP 2004021620 A]  
PUBLISHED: January 22, 2004 (20040122)  
INVENTOR(s): SAITO TETSUO  
AZUMA HIROSHI  
APPLICANT(s): TOSHIBA CORP  
APPL. NO.: 2002-175918 [JP 2002175918]  
FILED: June 17, 2002 (20020617)  
INTL CLASS: G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To improve a service for a user, motivate an **answerer** to reply, improve quality of **answer** information, and increase satisfaction of both of the user and the **answerer**.

SOLUTION: This system constructed of a **keyword** extraction part 12 extracting a **keyword** according to **query** information inputted to a **questioner** terminal 36, a related **query** information providing part 18 **retrieving** **query** information related to the **keyword** from a **question** / **answer** **database** 16 and offering it to the **questioner** terminal 36, a new **answer** request part 20 receiving a new **answer** information request from the **questioner** terminal 36, and an **answer** information demanding part 22 demanding offer of the **answer** information to the new **answer** information request from an **answerer** terminal 38 is provided with an **answer** information receiving part 24 receiving the **answer** information offered to the demand, an **answer** abstract information providing part 30 providing **answer** abstract information of the received **answer** information, and an **answer** information providing part 32 providing the **answer** information to the **questioner** terminal 36.

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07605608 \*\*Image available\*\*  
INFORMATION RETRIEVAL SYSTEM

PUB. NO.: 2003-099454 [JP 2003099454 A]  
PUBLISHED: April 04, 2003 (20030404)  
INVENTOR(s): ONUMA HIROYUKI  
APPLICANT(s): OKI ELECTRIC IND CO LTD  
APPL. NO.: 2001-290552 [JP 2001290552]  
FILED: September 25, 2001 (20010925)  
INTL CLASS: G06F-017/30; G06F-012/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To obtain an exact retrieval result even in the case of a structured document.

SOLUTION: A question analyzing part 3 analyzes a **question** sentence from a user and extracts a **keyword**. A document **retrieving** part 4 **retrieves** candidate documents for **answers** from a document **storage** part 5 based on the keyword. An intrinsic expression tag adding part 6 adds tags corresponding to intrinsic expression to the candidate documents for **answers** by using patterns of an intrinsic expression pattern storage part 7. A document analyzing part 8 calculates an influence range of the keyword to the candidate documents for **answers** based on the tags that indicates layout of the document. An **answer** selecting part 10 selects an **answer** of the intrinsic expression from the influence range of the keyword based on the tag corresponding to the intrinsic expression.

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07564713 \*\*Image available\*\*  
TECHNICAL INFORMATION STORING AND **ANSWERING** SYSTEM

PUB. NO.: 2003-058554 [JP 2003058554 A]  
PUBLISHED: February 28, 2003 (20030228)  
INVENTOR(s): UNO MASATOSHI  
YAMAMOTO KAZUYOSHI  
KURIBAYASHI YUJI  
WADA TAKASHI  
APPLICANT(s): SHIMIZU CORP  
APPL. NO.: 2001-243131 [JP 2001243131]  
FILED: August 10, 2001 (20010810)  
INTL CLASS: G06F-017/30

#### ABSTRACT

PROBLEM TO BE SOLVED: To carefully select specific technical information to store and share it in a database and to provide it as **answers** in **response** to questions from a user information terminal.

SOLUTION: A technical information storing and **answering** system is provided with a database 14 where questions and **answers** related to specific technical information are classified in accordance with a prescribed keyword and are stored, a transmission/reception processing

means 11 which communicates with a user information terminal 3 through a communication line 2 to perform user recognition, questioning, supplementary answering, and answer transmission/reception processing, a retrieval processing means 13 which classifies questions in accordance with a prescribed keyword to retrieve answers from the database 14, an editing processing means 17 which edits questions, supplementary answers to the questions, and retrieved answers, and an information update processing means 16 which performs adoption, correction, and deletion of edited questions, supplementary answers, and answers to perform update processing of the database, and questions, supplementary answers, and answers edited by the editing processing means 17 are outputted to the user information terminal 3 from the transmission/reception processing means 11.

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07489804 \*\*Image available\*\*  
SYSTEM, PROGRAM AND METHOD FOR INFORMATION COLLECTION

PUB. NO.: 2002-358322 [JP 2002358322 A]  
PUBLISHED: December 13, 2002 (20021213)  
INVENTOR(s): KATO HIDEKI  
              NOMURA KOICHI  
              NAKANISHI TSUGIO  
              MORIGUCHI KYOKO  
APPLICANT(s): TOSHIBA CORP  
APPL. NO.: 2001-168395 [JP 2001168395]  
FILED: June 04, 2001 (20010604)  
INTL CLASS: G06F-017/30; G06F-013/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To allow collection of reply information with efficiency in response to questions (inquiries) through a network, and collection of information with fixed quality in response to the inquiries through the network.

SOLUTION: In a system for information collection, a computer 10 comprises an information receiving function 22 to receive reply information to questions and inquiries from an input part 11, a retrieve function 23 to retrieve a Q and A list database 13 or an engineer map database 14 for the questions, a syntax analysis function 24 to retrieve keywords from the questions, a format function 25 to format into information with an inquiry format of each information collecting means based on the keyword, an open question function 26 and an schedule control function 27 to ask format converted questions to each information collecting means according to a schedule.

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07306840 \*\*Image available\*\*

METHOD AND SYSTEM FOR COLLECTING INFORMATION

PUB. NO.: 2002-175322 [JP 2002175322 A]  
PUBLISHED: June 21, 2002 (20020621)  
INVENTOR(s): KASAI TAIJI  
APPLICANT(s): KASAI TAIJI  
APPL. NO.: 2000-372220 [JP 2000372220]  
FILED: December 07, 2000 (20001207)  
INTL CLASS: G06F-017/30; G06F-013/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide an information collection method and its system, enabling an individual to easily collect information of fresh home pages matched with one's own interests or the like, without spending much time.

SOLUTION: When a member accesses the information collection system 14 from terminal equipment 21a via the Internet 11, a prescribed questionnaire is transmitted from the system 14 to the terminal equipment 21a. When the member answers the questionnaire and transmits it to the system 14, a system server 15 extracts a keyword from the questionnaire result. The server 15 stores the keyword in a 1st database 16 and a retrieval computer 19 retrieves a home page server 25 by the keywords. The server 15 stores the URL of a hit home page in a 2nd database 17 and transmits the URL to the terminal equipment 21a via the Internet 11.

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06898391 \*\*Image available\*\*  
AUTOMATIC QUESTION- ANSWER SYSTEM

PUB. NO.: 2001-125901 [JP 2001125901 A]  
PUBLISHED: May 11, 2001 (20010511)  
INVENTOR(s): OBANA SHINICHI  
APPLICANT(s): NEC HOME ELECTRONICS LTD  
APPL. NO.: 11-302921 [JP 99302921]  
FILED: October 25, 1999 (19991025)  
INTL CLASS: G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To provide an automatic question- answer system automatically allocating the priority of solution to a question including no answer in a data base when the question is generated.

SOLUTION: A retrieval part 3 receives question data from an input device 1 and retrieves whether there is an answer to the question in a data base part 21 or not. When there is an answer, the answer is outputted from an output device 4, and when there is no answer, the question data are transferred to a question evaluation part 5. The evaluation part 5 retrieves the contents of a question to unsolved data transferred from the retrieval part 3, adds a list of plural keywords included in the contents to the unsolved data and stores the list-added data in an unsolved data storage part 22. The data stored in the storage part 22 are compared

with the contents of the list of **keywords** to check whether there are **questions** having the same contents or not, and when there are questions having the same contents, these questions are grouped and the number of questions in the group is counted.

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06154636 \*\*Image available\*\*  
HELP DESK SYSTEM

PUB. NO.: 11-096179 [JP 11096179 A]  
PUBLISHED: April 09, 1999 (19990409)  
INVENTOR(s): KITAMURA MISAYO  
NAKAYA YOSHIO  
APPLICANT(s): MITSUBISHI ELECTRIC CORP  
APPL. NO.: 09-258004 [JP 97258004]  
FILED: September 24, 1997 (19970924)  
INTL CLASS: G06F-017/30

#### ABSTRACT

PROBLEM TO BE SOLVED: To retrieve information after narrowing down object information and to shorten the retrieval time by performing retrieval from among instance feature information corresponding to the kind of an inputted request, and extracting an information corresponding to contents to be **answered** from the extracted instance feature information and displaying it.

SOLUTION: An instance feature information storage part 100 classifies and stores instance feature information, which is stored in an instance natural sentence storage part 101 and obtained by extracting features of respective instances, for every kind of request. A knowledge retrieval part 12 when inputting a complaint key word stepwise retrieve the same information, partially the same information with, or information similar to the complaint key word from the information stored in a complaint instance feature storage part 9. When a **question key word** is inputted, on the other head, the same information with, partially the same information, or information similar to the **question key word** is stepwise retrieved from the information stored in a **question** instance feature **storage** 10. An output part 13 outputs the result of the knowledge retrieval part 12.

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06124549 \*\*Image available\*\*  
DEVICE AND METHOD FOR RETRIEVING SIMILAR DOCUMENT

PUB. NO.: 11-066086 [JP 11066086 A]  
PUBLISHED: March 09, 1999 (19990309)  
INVENTOR(s): NANBA ISAO  
APPLICANT(s): FUJITSU LTD  
APPL. NO.: 09-222301 [JP 97222301]  
FILED: August 19, 1997 (19970819)

INTL CLASS: G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To accelerate the **retrieval** of a similar document and to suppress a little the **storage** capacity required for the **retrieved** result.

SOLUTION: At a **keyword** dividing part 2, a **keyword** is divided from a retrieval **question** inputted from a **question** input part 1 and at a similarity calculating part 3 by keywords, the similarity for each document is calculated by keywords while referring to transfer indexes. At a highly similar document discriminating part 4 by keywords, the document having similarity higher than a prepared threshold value is discriminated from that calculated similarity for each document and at a full similarity accumulating and sorting part 6, based on all the discriminated documents, the similarity for each document is summed up and at an **answer** output part 7, that summed-up similarity for each document is **answered**.

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10/5/11 (Item 11 from file: 347)  
DIALOG(R) File 347:JAPIO  
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03748285 \*\*Image available\*\*  
REMOTE LECTURE SYSTEM

PUB. NO.: 04-113385 [JP 4113385 A]  
PUBLISHED: April 14, 1992 (19920414)  
INVENTOR(s): RYU TADAMITSU  
TANIDA TOSHITSUGU  
TSUCHIYA MICHIO  
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 02-232732 [JP 90232732]  
FILED: September 03, 1990 (19900903)  
INTL CLASS: [5] G09B-005/14; G09B-005/06  
JAPIO CLASS: 30.2 (MISCELLANEOUS GOODS -- Sports & Recreation)  
JOURNAL: Section: P, Section No. 1397, Vol. 16, No. 365, Pg. 121,  
August 06, 1992 (19920806)

ABSTRACT

PURPOSE: To enable students to attend lectures at free time and freely ask questions by equipping a center station with a storage means and a reproducing means for lecture contents, a storage means for questions and **answers**, and a correct **answer** obtaining means.

CONSTITUTION: The lecture contents of an instructor are recorded and stored in the storage means 12a. When a student makes a request (1) to attend a lecture in this state, the lecture is offered (2). When the student transfers a **question key word** (3) during the lecture, the lecture is interrupted and the student's question is inputted and registered in the Q/A **storage** means 12b; and an **answer matching** the key word is **retrieved** in the means and sent back (4) to the student. When it is judged that the student is satisfied with the **answer** contents, the lecture is carried on (5). When it is judged that the student is not satisfied, the instructor is called (6). A destination table 23 of instructors is referred to call the instructor, who makes an **answer** (6).

The **answer** contents of the instructor are recorded in the means 12b and the lecture is carried on (8). The lecture contents of the instructor are stored in the storage means 12a in the center station 10, so the student can attend the lecture even not in real time by making the request to attend the lecture.

10/5/12 (Item 12 from file: 347)  
DIALOG(R) File 347:JAPIO  
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03516663 \*\*Image available\*\*  
**DATA BASE RETRIEVING METHOD**

PUB. NO.: 03-179563 [JP 3179563 A]  
PUBLISHED: August 05, 1991 (19910805)  
INVENTOR(s): YAMASHINA MASAKI  
KOJIMA JUNJI  
YAJIMA HIROSHI  
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 01-317787 [JP 89317787]  
FILED: December 08, 1989 (19891208)  
INTL CLASS: [5] G06F-015/40  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JOURNAL: Section: P, Section No. 1271, Vol. 15, No. 433, Pg. 54, November 05, 1991 (19911105)

#### ABSTRACT

PURPOSE: To effectively **retrieve** a **data base** by providing a question sentence analyzing part, a **retrieval** control part, a data storing part, and a confirmed/ unknown word processing screen display part, etc., and requesting the confirmation/correction if a retrieved sentence includes the ambiguous words.

CONSTITUTION: When a question sentence is inputted via a question sentence input part 1, a question sentence analyzing part 4 checks first the coincidence between the **question** sentence and the predicates described at a **key word** filter storing part 3. If a coincident predicate is obtained and a word coincident with an object exists in a case set by the coincident predicate in **response** to a case field, the word coincident with the object is defined as a key word. Thus a retrieval control part 5 immediately retrieves a data storing part 7. If the confirmed for unknown words are detected, a confirmed or unknown word processing screen is displayed via a confirmed/unknown word processing screen display part 2. Then a user confirms or corrects the processing screen and the part 7 is **retrieved**. Thus a **data base** is effectively **retrieved** with use of a natural language which excels in the human interface.

10/5/13 (Item 13 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

03214180 \*\*Image available\*\*  
**INFORMATION RETRIEVING SYSTEM**

PUB. NO.: 02-189680 [JP 2189680 A]  
PUBLISHED: July 25, 1990 (19900725)  
INVENTOR(s): HIYOSHI MAYUMI

APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 01-010595 [JP 8910595]  
FILED: January 18, 1989 (19890118)  
INTL CLASS: [5] G06F-015/40  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JOURNAL: Section: P, Section No. 1117, Vol. 14, No. 474, Pg. 28,  
October 16, 1990 (19901016)

#### ABSTRACT

PURPOSE: To reduce the probability of retrieval failure by selecting keywords in stages, concentrating retrieved results, and when the number of retrieved results is zero, advancing retrieval by utilizing an upper concept and relaxing a condition.

CONSTITUTION: The retrieving system consists of an inquiry input part 2 for receiving an inquiry 1 from a user and converting the **inquiry** into a retrieving condition, a **keyword** selection part 4 for selecting keywords in stages while deciding retrieved results, a retrieval formula forming part 5 for forming a retrieval formula by using the selected keyword, a **retrieval** execution part 6 for executing **data base retrieval** by the formed **retrieval** formula, and a **response** forming part 10 for forming a **response**. The retrieved result is fed back to the keyword selection part 4, the retrieving conditions are successively added to the retrieved result or retry is executed by using the upper concept to execute retrieval in stages. Consequently, retry when the number of retrieved results is zero can be easily executed and the probability of retrieval failure can be suppressed to the minimum.

10/5/14 (Item 1 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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016211966 \*\*Image available\*\*  
WPI Acc No: 2004-369853/200435  
XRPX Acc No: N04-296071

Chat system using internet used for sales improvement, searches keywords from conversation and collects information from websites by using determined keywords.

Patent Assignee: INOSU KK (INOS-N); KORABO NIJUICHI YG (KORA-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2004145541	A	20040520	JP 2002308487	A	20021023	200435 B

Priority Applications (No Type Date): JP 2002308487 A 20021023

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2004145541	A	16		G06F-013/00	

Abstract (Basic): JP 2004145541 A

NOVELTY - A content determination unit determines if predetermined **keywords** are contained in a conversation. A **question** generator transmits a **question** to a user terminal (3a) if the predetermined **keywords** are not present. A search unit **searches** a keyword in the **response** sentence by using a **database** (6). An information gathering unit registers the information collected from websites by using keyword currently determined.

USE - For collecting information for promoting development of goods and sales through chat system using internet.

**ADVANTAGE** - Chatting person does not have odd feeling while information are being collected. Information can be collected from arbitrary conversations.

**DESCRIPTION OF DRAWING(S)** - The figure shows the block diagram of the chat system. (Drawing includes non-English language text).

chat system (1)  
internet (2)  
user terminals (3a-3c)  
database controller (5)  
database (6)

pp; 16 DwgNo 2/11

Title Terms: SYSTEM; SALE; IMPROVE; SEARCH; KEYWORD; CONVERSATION; COLLECT; INFORMATION; DETERMINE; KEYWORD

Derwent Class: T01

International Patent Class (Main): G06F-013/00

International Patent Class (Additional): G06F-017/28; G06F-017/30;  
G06F-017/60; G06F-019/00

File Segment: EPI

10/5/15 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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016118876 \*\*Image available\*\*

WPI Acc No: 2004-276752/200426

XRPX Acc No: N04-219353

Internet-based question / answering method involves generating keyword related to question , and requesting for collection of documents required for generating the answer once again, if analyzed answer is not right

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2004102494	A	20040402	JP 2002261289	A	20020906	200426 B

Priority Applications (No Type Date): JP 2002261289 A 20020906

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2004102494	A	9	G06F-017/30	

Abstract (Basic): JP 2004102494 A

NOVELTY - A generation unit (3a) generates an **answer** for a question, using a question/ **answer** database (2). A controller (3b) analyzes the **answer** , and if the **answer** is not right, a **keyword** related to the **question** is generated and collection of documents required for the **answer** is requested. The web information from a web search agent, selected based on the **keyword**, is input into **database** (2) for generating the **answer** once again.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for internet-based question/ **answering** apparatus.

USE - Internet-based question/ **answering** method.

ADVANTAGE - Enables the user to acquire immense information on internet, easily and efficiently.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the internet-based question **answering** apparatus. (Drawing includes non-English language text).

question/ **answering** database (2)

question/ **answering** agent (3)

answer generation unit (3a)  
controller (3b)  
web search agent (4)  
pp; 9 DwgNo 1/6

Title Terms: BASED; QUESTION; ANSWER ; METHOD; GENERATE; KEYWORD; RELATED;  
QUESTION; REQUEST; COLLECT; DOCUMENT; REQUIRE; GENERATE; ANSWER ;  
ANALYSE; ANSWER ; RIGHT

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

10/5/16 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
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016057482

WPI Acc No: 2004-215333/200421

XRPX Acc No: N04-170548

Method and system for creating contents of computer games  
Patent Assignee: TOMORROW STUDIO CO LTD (TOMO-N)

Inventor: CHEN Z; WEN S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1462963	A	20031224	CN 2002121979	A	20020529	200421 B

Priority Applications (No Type Date): CN 2002121979 A 20020529

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CN 1462963	A		G06F-017/00	

Abstract (Basic): CN 1462963 A

NOVELTY - A method and system for generating the contents of computer game is disclosed. Said method includes storing several game contents in a game contents database, generating the roles in game by a role creating module, executing the conversation and question-answer between game roles by session module and question - answer module, judging the key phrases or sentences in conversation and contents by a judge module, searching the relative conversation contents from the game contents database by a data index module, and using the searched contents to respond to the game role.

DwgNo 0/0

Title Terms: METHOD; SYSTEM; CONTENT; COMPUTER; GAME

Derwent Class: T01

International Patent Class (Main): G06F-017/00

File Segment: EPI

10/5/17 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
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016024494 \*\*Image available\*\*

WPI Acc No: 2004-182345/200418

XRPX Acc No: N04-145024

Document retrieval system for question answering system has document retrieval section that searches document storage section for document that corresponds to major and minor keywords classified from query

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (MATU ); MATSUSHITA DENKI SANGYO KK (MATU )  
Inventor: NOMOTO M; SATO M; SUZUKI H  
Number of Countries: 035 Number of Patents: 005  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 1391834	A2	20040225	EP 200318569	A	20030818	200418	B
US 20040049499	A1	20040311	US 2003637498	A	20030811	200419	
JP 2004139553	A	20040513	JP 2003189111	A	20030630	200432	
KR 2004016799	A	20040225	KR 200357110	A	20030819	200439	
CN 1489089	A	20040414	CN 2003158045	A	20030819	200442	

Priority Applications (No Type Date): JP 2003189111 A 20030630; JP 2002238031 A 20020819

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 1391834	A2	E 39	G06F-017/30	
Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR				
US 20040049499	A1		G06F-007/00	
JP 2004139553	A	30	G06F-017/30	
KR 2004016799	A		G06F-017/30	
CN 1489089	A		G06F-017/30	

Abstract (Basic): EP 1391834 A2

NOVELTY - A **keyword** extraction section (104) obtains a **keyword** from a **query**. A **keyword** classification section (110) classifies the **keyword** into a major **keyword** related to a central subject indicated by the **query**, and a minor **keyword** related to supplementary information. A document **retrieval** section (114) **searches** for a document from a document **storage** section (116) based on the major and minor keywords.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) a document searching method;
- (b) a document search program;
- (c) a question **answering** system;
- (d) a question **answering** method; and
- (e) a question **answering** program.

USE - For question **answering** system.

ADVANTAGE - Searches information requested by user with high accuracy.

DESCRIPTION OF DRAWING(S) - The figure is a block diagram of the document retrieval system.

- Keyword extraction section (104)
- Question type decision section (108)
- Keyword classification section (110)
- Document retrieval section (114)
- Document storage section (116)

pp; 39 DwgNo 1/21

Title Terms: DOCUMENT; RETRIEVAL; SYSTEM; QUESTION; **ANSWER**; SYSTEM; DOCUMENT; RETRIEVAL; SECTION; SEARCH; DOCUMENT; STORAGE; SECTION; DOCUMENT; CORRESPOND; MAJOR; MINOR; KEYWORD; CLASSIFY; QUERY

Derwent Class: T01; W04

International Patent Class (Main): G06F-007/00; G06F-017/30

File Segment: EPI

10/5/18 (Item 5 from file: 350)  
DIALOG(R) File 350:Derwent WPIX

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015704396 \*\*Image available\*\*

WPI Acc No: 2003-766589/200372

XRPX Acc No: N03-614046

**Most suitable question presenting method in education system using internet, involves sorting retrieved questions based on level of student specified by question search request information received from student's terminal**

Patent Assignee: FUJITSU LTD (FUIT )

Inventor: FUJINO A; KAMIKAWA S; KUZUMAKI H; OZAWA H; TAKEDA N

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030186206	A1	20031002	US 2002288497	A	20021106	200372 B
JP 2004005322	A	20040108	JP 2002186681	A	20020626	200405
US 6755662	B2	20040629	US 2002288497	A	20021106	200443

Priority Applications (No Type Date): JP 2002186681 A 20020626; JP 200289405 A 20020327

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030186206	A1		29	G09B-007/00	
JP 2004005322	A		18	G06F-017/30	
US 6755662	B2			G09B-007/00	

Abstract (Basic): US 20030186206 A1

**NOVELTY** - A host computer retrieves a question from a question storage unit, based on keyword contained in a question search request information received from a students' terminal (PC1-PCn). The host computer sorts the retrieved questions in accordance with the level of the student, specified by question search request information, and transmits the sorted questions to the student's terminal.

**DETAILED DESCRIPTION - INDEPENDENT CLAIMS** are also included for the following:

- (1) computer program product for presenting most suitable question;
- (2) computer-readable recorded medium storing most suitable question presenting program; and
- (3) most suitable question presenting apparatus.

**USE** - For presenting most table questions to students, in education system using internet.

**ADVANTAGE** - The questions appropriate to user's level is presented with higher priority, thus enabling user with little knowledge to obtain answer to the question promptly and accurately.

**DESCRIPTION OF DRAWING(S)** - The figure shows a constitution of the education system.

internet (1)  
education center (2)  
student controlling section (21)  
frequently asked questions (FAQ) candidate table (23)  
education-material database (31)  
FAQ database (32)  
student level database (35)  
student's terminals (PC1-PCn)  
pp; 29 DwgNo 1/20

Title Terms: SUIT; QUESTION; PRESENT; METHOD; EDUCATION; SYSTEM; SORT; RETRIEVAL; QUESTION; BASED; LEVEL; STUDENT; SPECIFIED; QUESTION; SEARCH; REQUEST; INFORMATION; RECEIVE; STUDENT; TERMINAL

Derwent Class: P85; T01; W04

International Patent Class (Main): G06F-017/30; G09B-007/00

International Patent Class (Additional): G06F-017/60; G09B-005/12  
File Segment: EPI; EngPI

10/5/19 (Item 6 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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015682756 \*\*Image available\*\*  
WPI Acc No: 2003-744945/200370  
XRXPX Acc No: N03-596678

Customer's question answering method for prepaid personal advisory service, involves matching keywords in question with keywords in information registered by customer  
Patent Assignee: CONVERSE INC (COMV-N)  
Inventor: AKSU A; LUO H; MOHAN S  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
US 20030144895 A1 20030731 US 200258424 A 20020130 200370 B

Priority Applications (No Type Date): US 200258424 A 20020130

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 20030144895 A1 13 G06F-017/60

Abstract (Basic): US 20030144895 A1

NOVELTY - A database stores short messaging service (SMS) information of registered customers and experts which comprises keywords provided by experts during registration. A prepaid personal advisory server transmits question received from customers to experts by matching keywords in question with keywords in database. The communication between customer and expert selected by customer is established based on matching results.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) advisory method; and
- (2) computer readable medium storing customer's question answering program.

USE - For answering customer's question in laptop computer, personal computer, mobile telephone, personal communication service (PCS) device, personal digital assistant (PDA) for real-time prepaid personal advisory (PPA) service.

ADVANTAGE - The question of customers are appropriately answered by experts, hence the need for searching answers through internet and enquiring call centers are avoided.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart illustrating operation of the prepaid personal advisory server.

pp; 13 DwgNo 3A/5

Title Terms: CUSTOMER; QUESTION; ANSWER ; METHOD; PREPAYMENT; PERSON; ADVICE; SERVICE; MATCH; KEYWORD; QUESTION; KEYWORD; INFORMATION; REGISTER ; CUSTOMER

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/20 (Item 7 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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015644920     \*\*Image available\*\*

WPI Acc No: 2003-707103/200367

XRPX Acc No: N03-564823

Keyword index updating method for data search applications, involves receiving query from user and updating keyword index so that modified keyword list including user's query in keyword linked to searched data object

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )

Inventor: COLE A G; RAVIN Y; SACHAR H E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6571239	B1	20030527	US 2000463825	A	20000131	200367 B

Priority Applications (No Type Date): US 2000463825 A 20000131

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 6571239 B1 11 G06F-017/30

Abstract (Basic): US 6571239 B1

NOVELTY - A data object corresponding to user's query is retrieved from the repository by search engine in response to user's query . The keyword index is updated to form a modified keyword list which includes associated query in keywords linked to retrieved data object.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) data object search apparatus;
- (2) article of manufacture comprising computer usable medium; and
- (3) computer program product comprising computer usable medium storing computer readable program code.

USE - For incrementally updating and modifying keyword index for searching data object e.g. document, abstract, image pattern in repository .

ADVANTAGE - Prevents mismatch between the keyword employed by user and the manual or automatically assigned keyword , by updating keyword based on user's query .

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart explaining keyword and data object association process.

pp; 11 DwgNo 2/5

Title Terms: KEYWORD; INDEX; UPDATE; METHOD; DATA; SEARCH; APPLY; RECEIVE; QUERY; USER; UPDATE; KEYWORD; INDEX; SO; MODIFIED; KEYWORD; LIST; USER; QUERY; KEYWORD; LINK; SEARCH; DATA; OBJECT

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

10/5/21     (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015535406     \*\*Image available\*\*

WPI Acc No: 2003-597556/200356

XRPX Acc No: N03-476265

Knowledge database assembling method for consultants and service company, involves extracting questions from electronic mail from user and retrieving answers from database by classifying question and identifying keyword

Patent Assignee: SYMBIO IP LTD (SYMB-N)  
Inventor: BYFORD P J; FRANCIS G E  
Number of Countries: 031 Number of Patents: 003  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030101153	A1	20030529	US 2002305296	A	20021127	200356 B
GB 2382678	A	20030604	GB 200128457	A	20011128	200356
EP 1326182	A2	20030709	EP 2002102647	A	20021126	200356

Priority Applications (No Type Date): GB 200128457 A 20011128

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030101153	A1		23	G06N-005/02	
GB 2382678	A			G06F-017/30	
EP 1326182	A2	E		G06F-017/30	

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

Abstract (Basic): US 20030101153 A1

NOVELTY - A question (4) is extracted from communication such as an electronic mail (3) from a user (1) who is allowed to select or deselect the question. The **question** is classified and stored in a database (6) with respective **keywords** and corresponding **answers** (9). The **answers** are retrieved by classifying **question** and identifying respective **keyword**.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) knowledge database information providing method;
- (2) knowledge database constructing method;
- (3) knowledge database operating method; and
- (4) report and document information providing method.

USE - For capturing, processing and storing information in database of computer and for providing **answers** to questions stored in database of computer in biotechnology and small pharmaceutical company and consultants and service company.

ADVANTAGE - The information stored in database of computer is continuously expanded and easily accessed by the user without any burden during retrieval of information. Prevents demotivating factor of embarrassment when asking dumb questions and allows user to remain unknown since software retains user's identity confidentially and does not add questioners name to electronic communication or entry in database.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the database information providing system.

user (1)  
e-mail (3)  
question (4)  
database (6)  
**answer** (9)

pp; 23 DwgNo 1/14

Title Terms: DATABASE; ASSEMBLE; METHOD; SERVICE; COMPANY; EXTRACT;  
QUESTION; ELECTRONIC; MAIL; USER; RETRIEVAL; **ANSWER**; DATABASE; CLASSIFY  
; QUESTION; IDENTIFY; KEYWORD

Derwent Class: T01

International Patent Class (Main): G06F-017/30; G06N-005/02

International Patent Class (Additional): G06F-017/00

File Segment: EPI

10/5/22 (Item 9 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015367008    \*\*Image available\*\*  
WPI Acc No: 2003-427946/200340

**System for searching contents including non-text format data and method thereof**

Patent Assignee: KWON O S (KWON-I)

Inventor: KWON O S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2003013814	A	20030215	KR 200148006	A	20010809	200340 B

Priority Applications (No Type Date): KR 200148006 A 20010809

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2003013814	A	1	G06F-017/30	

Abstract (Basic): KR 2003013814 A

**NOVELTY** - A system for searching contents including non-text format data and a method thereof are provided to search corresponding contents and output the contents as an **answer** to a query of non-text format such as a numerical formula, a special symbol, a figure, etc.

**DETAILED DESCRIPTION** - A contents database(400) stores contents as a text and script format. An inverted **database** (500) stores a **search keyword** and a contents identification corresponded to the search **keyword**. When a **query** is inputted and a data **query** of a non-text format is inputted, a user client(100) converts the query into a script corresponded thereto, transmits the inputted query and the converted script, converts a transmitted search result into text and image data, and outputs the data. A web server(200) creates a text and a script **search keyword** from the transmitted **query** and the converted script corresponded thereto, searches a contents identification corresponded to each created search keyword, reads contents related to the searched contents identification, processes the read contents as a search result, and transmits the contents to the user client(100).

pp; 1 DwgNo 1/10

Title Terms: SYSTEM; SEARCH; CONTENT; NON; TEXT; FORMAT; DATA; METHOD

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

10/5/23 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015319451    \*\*Image available\*\*  
WPI Acc No: 2003-380386/200336

XRPX Acc No: N03-303789

**Computer implemented customer support provision method involves applying convolution algorithm to vector forms product to obtain answers that are automatically communicated to customer**

Patent Assignee: HONEYWELL INT INC (HONE )

Inventor: JOSEPH S; SHETTY R K; THYAGARAJAN V

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030028448	A1	20030206	US 2001852881	A	20010510	200336 B

Priority Applications (No Type Date): US 2001852881 A 20010510

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 20030028448 A1 10 G06F-017/60

Abstract (Basic): US 20030028448 A1

NOVELTY - The **query** related **answers** are extracted from frequently asked questions (FAQ) database (160), on receiving a **query** from the customer (110). The extracted **query** and the **FAQ keywords** are transformed into unique numerical representations and **query** vector forms and product FAQ vector forms. Convolution algorithm are applied to vector forms to obtain **answers** that are automatically communicated to the customer.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for computer implemented system for providing automated customer support.

USE - For automatic customer support using intelligent information mining techniques, where queries through e-mail, Internet are received by web server.

ADVANTAGE - Provides a system that has diverse customer interaction capability. The system takes into account the various products and various customer bases and responds automatically to customer queries at low cost. The system also considers the client's mind set and nature of the query.

DESCRIPTION OF DRAWING(S) - The figure shows the over view of computer implemented automated customer support system.

customer (110)

frequently asked questions database (160)

pp; 10 DwgNo 1/2

Title Terms: COMPUTER; IMPLEMENT; CUSTOMER; SUPPORT; PROVISION; METHOD; APPLY; CONVOLUTE; ALGORITHM; VECTOR; FORM; PRODUCT; OBTAIN; ANSWER ; AUTOMATIC; COMMUNICATE; CUSTOMER

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/24 (Item 11 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015222583 \*\*Image available\*\*

WPI Acc No: 2003-283495/200328

XRPX Acc No: N03-225378

Civil work technical information reply system e.g. for tunnel construction, retrieves search result, edits and updates modified search result onto database before transmitting to user

Patent Assignee: SHIMIZU CONST CO LTD (SHMC )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003058554	A	20030228	JP 2001243131	A	20010810	200328 B

Priority Applications (No Type Date): JP 2001243131 A 20010810

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2003058554 A 6 G06F-017/30

Abstract (Basic): JP 2003058554 A

NOVELTY - A **search** engine (13) scans the **database** (14) which

stores technical **questions** and **answers** with predetermined **keyword**, based on the user raised **question** and supplement reply received from a terminal (3) through a communication circuit (2). The **retrieved** result is edited, updated into the **database** after appropriate modification and transmitted to the user.

USE - For acquiring expert technical solutions during civil work such as construction of tunnel.

ADVANTAGE - Enables rapid searching of reply of question raised from user and transmitting reply to specific terminal carefully.

DESCRIPTION OF DRAWING(S) - The figure shows . (Drawing includes non-English language text).

communication circuit (2)

terminal (3)

search engine (13)

database (14)

pp; 6 DwgNo 1/8

Title Terms: CIVIL; WORK; TECHNICAL; INFORMATION; REPLY; SYSTEM; TUNNEL; CONSTRUCTION; RETRIEVAL; SEARCH; RESULT; EDIT; UPDATE; MODIFIED; SEARCH; RESULT; DATABASE; TRANSMIT; USER

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

10/5/25 (Item 12 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015012827 \*\*Image available\*\*

WPI Acc No: 2003-073344/200307

**Search engine for natural language and searching method**

Patent Assignee: HAN Y W (HANY-I)

Inventor: HAN Y W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002059555	A	20020713	KR 20011011	A	20010108	200307 B

Priority Applications (No Type Date): KR 20011011 A 20010108

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002059555	A	1	G06F-017/30	

Abstract (Basic): KR 2002059555 A

NOVELTY - A search engine for a natural language and a searching method are provided to supply an accurate **answer** with respect to a query language of a user.

DETAILED DESCRIPTION - In a **search** engine being connected to an Internet network(1), the first **database** (4) stores a web site address and a web page address corresponded to a **search** word. The second **database** (5) stores **answers** corresponded to **keywords**. A **keyword** having the same vocabulary as a **query** language being supplied from a user through the Internet network(1) is detected in the second database(5). The detected **answer** is supplied to the user.

Corresponding web site and web page information is detected in the first **database** (4) using the **answer** as a **search** word, and the detected information is supplied to the user. The second database(5) includes a code number field for storing codes according to records, an **answer** field storing **answers** according to records corresponded to the record of the code number field, and a keyword field for storing

keywords corresponded to the record of the **answer** field.  
pp; 1 DwgNo 1/10  
Title Terms: SEARCH; ENGINE; NATURAL; LANGUAGE; SEARCH; METHOD  
Derwent Class: T01  
International Patent Class (Main): G06F-017/30  
File Segment: EPI

10/5/26 (Item 13 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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014506170 \*\*Image available\*\*  
WPI Acc No: 2002-326873/200236  
**Network-based question/ answer service system comprising retrieval function**  
Patent Assignee: APACHI COMMUNICATION CO LTD (APAC-N)  
Inventor: YOON S J  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applcat No Kind Date Week  
KR 2001103934 A 20011124 KR 200025238 A 20000512 200236 B

Priority Applications (No Type Date): KR 200025238 A 20000512  
Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
KR 2001103934 A 1 H04L-012/58

Abstract (Basic): KR 2001103934 A  
NOVELTY - A network-based question/ **answer** service system comprising a retrieval function is provided to offer verified **answers** for a questioner's question after **searching** a **database**, to service the **answers** other users input according to the question in real time, and to construct a database for a specific **answer** satisfying the question so that other users can share the question and **answers**.  
DETAILED DESCRIPTION - A network-based question/ **answer** service system comprising a retrieval function consists of a communication network(10), a plurality of questioner terminals(20), a plurality of **answerer** terminals(30), and a server computer(40). The communication network(10) connects communication lines among the questioner terminals(20), the **answerer** terminals(30) and the server computer(40) so that data communication associated with question/ **answer** can be achieved among them. Each questioner terminal(20) outputs question data to the server computer(40), receives a plurality of **answer** data from the server computer(40) in real time, displays them on its screen, and outputs selection data for satisfactory **answer** data to the server computer(40). Each **answerer** terminal(30) receives a plurality of registered question data from the server computer(40), displays them on its screen, and outputs **answer** data for desired question data to the server computer(40). If question data are inputted from a specific questioner terminal(20), the server computer(40) **searches** a **database** using a specific **keyword** among the **question** data, extracts the **answer** data related to the question data, and outputs the extracted **answer** data to the questioner terminal(20).  
pp; 1 DwgNo 1/10  
Title Terms: NETWORK; BASED; QUESTION; **ANSWER**; SERVICE; SYSTEM; COMPRISE; RETRIEVAL; FUNCTION  
Derwent Class: T01; W01  
International Patent Class (Main): H04L-012/58  
File Segment: EPI

10/5/27 (Item 14 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
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014450276 \*\*Image available\*\*  
WPI Acc No: 2002-270979/200232

XRPX Acc No: N02-210930

Database entries searching method in Internet, involves selecting categories and corresponding keywords which are transmitted to user, in response to query

Patent Assignee: EXALEAD (EXAL-N); BERTIN P (BERT-I); BOURDONCLE F (BOUR-I); JEUX E (JEUX-I)

Inventor: BERTIN P; BOURDONCLE F; JEUX E

Number of Countries: 026 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1182581	A1	20020227	EP 2000402311	A	20000818	200232 B
US 20020052894	A1	20020502	US 2001929463	A	20010814	200234

Priority Applications (No Type Date): EP 2000402311 A 20000818

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1182581	A1	E	19	G06F-017/30	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI  
US 20020052894 A1 G06F-017/00

Abstract (Basic): EP 1182581 A1

NOVELTY - Entries associated with keywords are being mapped to a set of categories, in response to a query of an user. The categories are selected according to entries returned by query and corresponding keywords are selected. The selected categories and keywords are displayed to user.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for searching tool.

USE - For searching database of entries in Internet.

ADVANTAGE - Allows user to perform the search, using predefined categories easily, accurately and automatically with high efficiency.

DESCRIPTION OF DRAWING(S) - The figure shows the display of searching tool.

pp; 19 DwgNo 1/7

Title Terms: DATABASE; ENTER; SEARCH; METHOD; SELECT; CATEGORY; CORRESPOND; KEYWORD; TRANSMIT; USER; RESPOND; QUERY

Derwent Class: T01

International Patent Class (Main): G06F-017/00; G06F-017/30

File Segment: EPI

10/5/28 (Item 15 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
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014419485 \*\*Image available\*\*  
WPI Acc No: 2002-240188/200229

Related WPI Acc No: 1999-540431; 2000-271691; 2000-317246; 2000-328520; 2000-365206; 2000-365812; 2000-365821; 2000-411438; 2000-422526; 2000-482374; 2000-490708; 2000-549337; 2000-686761; 2001-283696; 2001-408324; 2001-432682; 2001-537686

XRPX Acc No: N02-185352

**System for extracting keywords from text dialog uses parsing and data repository comparison functions**

Patent Assignee: GENESYS TELECOM LAB INC (GENE-N)

Inventor: SHTIVELMAN Y

Number of Countries: 096 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200180214	A1	20011025	WO 2001US40267	A	20010307	200229 B
AU 200153842	A	20011030	AU 200153842	A	20010307	200229
US 6346952	B1	20020212	US 99452541	A	19991201	200229
			US 99457608	A	19991208	
			US 2000551259	A	20000418	
EP 1292939	A1	20030319	EP 2001927387	A	20010307	200322
			WO 2001US40267	A	20010307	

Priority Applications (No Type Date): US 2000551259 A 20000418; US 99452541 A 19991201; US 99457608 A 19991208

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200180214 A1 E 44 G09G-005/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200153842 A G09G-005/00 Based on patent WO 200180214

US 6346952 B1 G09G-005/00 CIP of application US 99452541

CIP of application US 99457608

EP 1292939 A1 E G09G-005/00 Based on patent WO 200180214

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): WO 200180214 A1

NOVELTY - System comprises a parsing function for extracting **keywords** from a text dialog (incoming chat queries), a **search** function for **comparing** the extracted **keywords** with a data **repository**, an editing station for the extracted keywords which are routed to the appropriate text interaction window, and a display function.

DETAILED DESCRIPTION - There is an INDEPENDENT CLAIM for a method of aiding an agent in a chat session.

USE - System is for data packet network communication.

ADVANTAGE - System auto-assists agents participating in agent-led chat sessions by summarizing previous threads in a chat session, avoiding the need to refresh by scrolling and reading previously posted query-response pairs.

DESCRIPTION OF DRAWING(S) - The figure shows component interaction of the auto-agent-assist software.

pp; 44 DwgNo 5/8

Title Terms: SYSTEM; EXTRACT; KEYWORD; TEXT; DIALOGUE; PARSE; DATA;

REPOSITORY; COMPARE; FUNCTION

Derwent Class: P85; T01; W01

International Patent Class (Main): G09G-005/00

File Segment: EPI; EngPI

10/5/29 (Item 16 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014274000 \*\*Image available\*\*

WPI Acc No: 2002-094702/200213

XRPX Acc No: N02-070246

**Help desk system using computer network, enables recycling of question response stored at database beside person in response to keyword, category or syntax search executed by questioner**

Patent Assignee: OK WEB KK (OKWE-N)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
JP 2001338095 A 20011207 JP 2000159641 A 20000530 200213 B

Priority Applications (No Type Date): JP 2000159641 A 20000530

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2001338095 A 12 G06F-017/60

Abstract (Basic): JP 2001338095 A

NOVELTY - A **questioner** (1) executes a **keyword** search, a category search or syntax search so as to enable recycling of the content of question **response** stored at a database beside the reply person (6).

USE - Help desk system using computer network.

ADVANTAGE - As recycling of question **response** is enabled, help desk is utilized effectively and the entire system is worked efficiently.

DESCRIPTION OF DRAWING(S) - The figure shows the rough flowchart of help desk system. (Drawing includes non-English language text).

Questioner (1)

Reply person (6)

pp; 12 DwgNo 1/8

Title Terms: HELP; DESK; SYSTEM; COMPUTER; NETWORK; ENABLE; RECYCLE; QUESTION; RESPOND; STORAGE; DATABASE; PERSON; RESPOND; KEYWORD; CATEGORY; SYNTAX; SEARCH; EXECUTE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-003/00; G06F-017/30

File Segment: EPI

10/5/30 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014203457 \*\*Image available\*\*

WPI Acc No: 2002-024154/200203

**System for automatically making question of test on internet**

Patent Assignee: MAN PA (MANP-N); KT LAB JH (KTCT-N)

Inventor: KIM S Y

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No Kind Date Applicat No Kind Date Week  
KR 2001068002 A 20010713 KR 200119838 A 20010413 200203 B  
KR 432148 B 20040517 KR 200119838 A 20010413 200460

Priority Applications (No Type Date): KR 200119838 A 20010413

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

KR 2001068002 A 1 G06F-017/60

KR 432148 B G06F-017/60 Previous Publ. patent KR 2001068002

Abstract (Basic): KR 2001068002 A

NOVELTY - A system for automatically making question of a test on Internet is provided to make a test be made automatically by not an input of a person who prepares examination questions but a specific conditional formula that is a subject, test coverage, a unit of a subject, a keyword and degree of difficulty.

DETAILED DESCRIPTION - A question DB(Data Base)(100) stores a subject, coverage, a unit of the subject, a question, voice, picture, explanation of the **question** and an example, correct and incorrect **answer** to the **question**, **keyword** and degree of difficulty of an examination **question** according to input degree. An example DB(200) stores content of an example, explanation, correct and incorrect **answer**, **keyword** and degree of difficulty according to the **question** DB (100). A **search** part(300) performs **search** for a subject, coverage, unit of the subject, **keyword** and degree of difficulty in the **question** and the example DB(100, 200). A type selecting part(400) selects types of examination questions such as OX question. An automatic question making part(500) automatically performs making a question of various tests such as tests by progress, whole coverage test, etc., through the type selecting part(400). A results analyzing part(600) performs inquiry of results, explanation of correct and incorrect **answer** and statistics of results by individual.

pp; 1 DwgNo 1/10

Title Terms: SYSTEM; AUTOMATIC; QUESTION; TEST

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/31 (Item 18 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014096489 \*\*Image available\*\*

WPI Acc No: 2001-580703/200165

XRPX Acc No: N01-432477

Comparative item information retrieving apparatus for locating goods via internet has search engine for retrieving information from merchant sites and automatic learning object for processing retrieved information

Patent Assignee: U-KNOW SOFTWARE CORP (UKNO-N)

Inventor: LIN S M

Number of Countries: 088 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200126018	A2	20010412	WO 2000US41013	A	20000927	200165 B
AU 200114932	A	20010510	AU 200114932	A	20000927	200165
US 6381597	B1	20020430	US 99414277	A	19991007	200235
TW 501033	A	20020901	TW 2000120523	A	20001003	200334
CN 1408093	A	20030402	CN 2000814894	A	20000927	200345

Priority Applications (No Type Date): US 99414277 A 19991007

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200126018 A2 E 34 G06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR

IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW  
AU 200114932 A G06F-017/60 Based on patent WO 200126018  
US 6381597 B1 G06F-017/30  
TW 501033 A G06F-017/30  
CN 1408093 A G06F-017/60

Abstract (Basic): WO 200126018 A2

NOVELTY - Database has multiple categories with one uniform resource locator (URL), for multiple merchant sites. Query generator segment category for composing a **query** by concatenating a URL from **database** with request category, using request **keyword**. Search engine **retrieves** information from multiple merchant sites with **query** and automatic learning object processes retrieved information to extract item information.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Method for retrieving comparative item information;
- (b) Computer program for retrieving comparative item information;
- (c) Computer data signal for retrieving comparator item information

USE - Used to locate goods in consumer shopping through internet.

ADVANTAGE - Eliminates to create wrapper for each category in each merchant because same agent can retrieve and process information in various formats. Efficient caching and distributed algorithms are used to reduce consumer **response** time.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart which illustrates process extracting relevant information from query results.

pp; 34 DwgNo 4/7

Title Terms: COMPARE; ITEM; INFORMATION; RETRIEVAL; APPARATUS; LOCATE; GOODS; SEARCH; ENGINE; RETRIEVAL; INFORMATION; MERCHANT; SITE; AUTOMATIC; LEARNING; OBJECT; PROCESS; RETRIEVAL; INFORMATION

Derwent Class: T01

International Patent Class (Main): G06F-017/30; G06F-017/60

International Patent Class (Additional): G06F-017/21

File Segment: EPI

10/5/32 (Item 19 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014092292 \*\*Image available\*\*

WPI Acc No: 2001-576506/200165

System and method for accessing internet site by inputting natural language address

Patent Assignee: JANG C Y (JANG-I)

Inventor: JANG C Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001035390	A	20010507	KR 20016300	A	20010209	200165 B

Priority Applications (No Type Date): KR 20016300 A 20010209

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2001035390	A	1		G06F-017/00	

Abstract (Basic): KR 2001035390 A

NOVELTY - An internet site access system and method is provided to enable a user to access a wanted internet site just by inputting a natural language query so that it can guide the user to definitely

access a sub web page although the user does not memorize the internet address.

DETAILED DESCRIPTION - The system comprises a natural language address web browser(100) and a natural language address server(200). The natural language address web browser(100) allows the user to input the natural language query and access a target internet site. The natural language address server(200) includes a natural language analyzer(210), a real address extractor(230), an index search module(220), and a real address **response** module(240). The natural language analyzer(210) performs a morpheme analysis on the input natural language **query**, extracts **key words**, and then transmits them to the index search module(220). The index search module(220) **searches** for the key words from an index and information **database** (250), and transmits the **searched** information, corresponding to the key words, to the real address extractor(230). The real address **response** module(240) **responses** to the natural language address web browser(100) with the real address extracted in the real address extractor(230).

pp; 1 DwgNo 1/10

Title Terms: SYSTEM; METHOD; ACCESS; SITE; INPUT; NATURAL; LANGUAGE;  
ADDRESS

Derwent Class: T01

International Patent Class (Main): G06F-017/00

File Segment: EPI

10/5/33 (Item 20 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013956656 \*\*Image available\*\*

WPI Acc No: 2001-440870/200147

XRPX Acc No: N01-326124

**Keyword matching method for detecting keywords in text string with no spaces involves looking through keyword dictionary for words that begin with character in string and checking for match between portion of string and keyword**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )

Inventor: HOUCHIN A M; WOOD D A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6263333	B1	20010717	US 98177034	A	19981022	200147 B

Priority Applications (No Type Date): US 98177034 A 19981022

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6263333	B1	12		G06F-017/30	

Abstract (Basic): US 6263333 B1

NOVELTY - List of keywords formed by looking for words in database starting with chosen character in a string of text. Text may have no spaces and may be in Unicode. Portions of string after first character then compared with keyword character strings in list until match found (70,71). Keyword then stored in match list and next chosen character in string is used to look for **matches** in **database**.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a stored computer program using the described method.

USE - For searching through text describing users **question** on an Adaptive Learning (ADL) System and finding **keywords** to lead to likely

**answer to question .**

**ADVANTAGE** - The method provides a fast search method which can be used to search text written in almost any modern language.

**DESCRIPTION OF DRAWING(S)** - The drawing shows a flow chart of keyword matching method.

Check for match with valid keyword string (70)

Check if any more keywords in list (71)

pp; 12 DwgNo 7/8

Title Terms: KEYWORD; MATCH; METHOD; DETECT; KEYWORD; TEXT; STRING; NO; SPACE; THROUGH; KEYWORD; DICTIONARY; WORD; BEGIN; CHARACTER; STRING; CHECK; MATCH; PORTION; STRING; KEYWORD

Derwent Class: T01

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): G06F-015/38; G06F-017/27; G06F-017/60

File Segment: EPI

**10/5/34 (Item 21 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

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013918507 \*\*Image available\*\*

WPI Acc No: 2001-402720/200143

XRPX Acc No: N01-297225

**Automatic question answering system has evaluation unit to group keywords and count number of times question is input, when extracted key words matches with stored keywords**

Patent Assignee: NEC HOME ELECTRONICS LTD (NIDF )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001125901	A	20010511	JP 99302921	A	19991025	200143 B

Priority Applications (No Type Date): JP 99302921 A 19991025

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001125901	A	4		G06F-017/30	

JP 2001125901 A

**NOVELTY** - An evaluation unit (5) receives **question** from research unit (3), extracts **keyword** from the **question** and searches data storing unit (22) corresponding to the **keyword**. The extracted keyword matches with keywords stored in storing unit (22), the evaluation unit groups the **keywords** and counts the number of times the **question** is input.

**DETAILED DESCRIPTION** - When **search** unit receives question from an input device (1), the **database** (21) is **searched** for reply corresponding to the received question. The reply is output through an output device (4). When there is no reply in the database, the question is input to the question evaluation unit.

**USE** - Automatic question **answering** system with unsolved question warning function.

**ADVANTAGE** - Automatically provides priority for question which are not **answered**, by providing warning when the number of times, the question is repeated exceeds a specific value.

**DESCRIPTION OF DRAWING(S)** - The figure shows the block diagram of automatic question **answering** system. (Drawing includes non-English language text).

Input device (1)

Research unit (3)  
Output device (4)  
Evaluation unit (5)  
Database (21)  
Data storing unit (22)  
pp; 4 DwgNo 1/4

Title Terms: AUTOMATIC; QUESTION; ANSWER ; SYSTEM; EVALUATE; UNIT; GROUP; KEYWORD; COUNT; NUMBER; TIME; QUESTION; INPUT; EXTRACT; KEY; WORD; MATCH; STORAGE; KEYWORD

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

10/5/35 (Item 22 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
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013476655 \*\*Image available\*\*  
WPI Acc No: 2000-648598/200063

XRPX Acc No: N00-480825

Selectively retrieving method for providing callers with access to documents of multimedia information, comprises receiving spoken keyword from caller, comparing it, and communicating to caller documents associated with keywords

Patent Assignee: NORTEL NETWORKS CORP (NELE )

Inventor: ADELMAN J; HEWSON T J; MIEZITIS M A; OBERAI S; OKUN S J

Number of Countries: 026 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1014662	A2	20000628	EP 99309721	A	19991203	200063 B
CA 2288444	A1	20000623	CA 2288444	A	19991104	200063

Priority Applications (No Type Date): US 98220067 A 19981223

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1014662	A2	E	12	H04M-003/493	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI  
CA 2288444 A1 E H04M-003/493

Abstract (Basic): EP 1014662 A2

NOVELTY - Speech recognition unit (20) receives keyword spoken by caller and generates a series of ASCII characters, corresponding to the keyword, and sends it to CTI (computer telephony integration) controller (22) which queries an associated table (24) of Keyword in storage device (26). When the caller says a keyword associated with a document, it is queued up for possible transmission to the caller.

DETAILED DESCRIPTION - Speech synthesis unit (18) then creates a message to be sent to the caller. The message could indicate that none of the documents stored in the CTI device (14) correspond to the keyword spoken by the caller. If documents stored on the CTI device do correspond to the keyword spoken by the caller, the caller is told the number of matches and then is asked whether they wish to receive all documents, receive a list summarizing the documents, or further refine their search to reduce the number of documents. The caller responds indicating what information they want CTI device send, this could be by way of a word spoken by caller, a DTMF tone, or an ADSI (analog display services interface) hotkey. Speech recognition unit receives the

**response** and generates a digital signal corresponding to the **response** and sends the digital signal to CTI controller which accesses table and retrieves the required information. CTI device transmits requested information to the caller via the speech synthesis unit, fax generation device (28), and/or e-mail generation device (30).

An INDEPENDENT CLAIM is also included for a computer telephony integration device.

USE - For providing callers with access to the documents by using keywords associated with documents of multimedia information.

ADVANTAGE - Provides auto-generation of multimedia computer telephony integration (CTI) applications by using keyboards. Also, allows a caller to navigate more directly to information pages stored on the CTI device.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the computer telephony integration (CTI) device.

CTI device (14)  
Speech synthesis unit (18)  
Speech recognition unit (20)  
CTI controller (22)  
Table (24)  
Storage device (26)  
Fax generation device (28)  
E-mail generation device (30)  
pp; 12 DwgNo 1/2

Title Terms: SELECT; RETRIEVAL; METHOD; CALL; ACCESS; DOCUMENT; INFORMATION ; COMPRISE; RECEIVE; SPEAKER; KEYWORD; CALL; COMPARE; COMMUNICATE; CALL; DOCUMENT; ASSOCIATE; KEYWORD

Derwent Class: W01; W04

International Patent Class (Main): H04M-003/493

File Segment: EPI

10/5/36 (Item 23 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013465018 \*\*Image available\*\*

WPI Acc No: 2000-636961/200061

XRPX Acc No: N00-472259

Database searching apparatus includes memory device to store selected data from several searchable databases

Patent Assignee: ARTNET WORLDWIDE CORP (ARTN-N)

Inventor: GEARY W S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6070160	A	20000530	US 95446202	A	19950519	200061 B
			US 96593487	A	19960129	

Priority Applications (No Type Date): US 96593487 A 19960129; US 95446202 A 19950519

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6070160	A	65	G06F-017/30	CIP of application US 95446202	

Abstract (Basic): US 6070160 A

NOVELTY - A memory device is operably connected to a processor which is programmed to execute a search engine, to store data selected from several searchable databases. An input device is operably connected to the processor for providing inputs to the processor in **response** to actuation by an user.

**DETAILED DESCRIPTION** - The search engine is programmed to selectively control interaction and sequencing of sub-engines during the search. The sub-engines comprise a standard search sub-engine for performing a deterministic search. A **keyword** search sub-engine performs a textual search. A **query** search engine performs fuzzy logic search. The sub-engines are simultaneously loaded to run in the processor, to search the databases. An INDEPENDENT CLAIM is also included for **database searching** method.

**USE** - For storage and retrieval of information related to art work, artists, market statistics, etc.

**ADVANTAGE** - The search apparatus is adaptable to continued learning and thus easily programmable to add realistic knowledge to expert system hosted on digital computer.

**DESCRIPTION OF DRAWING(S)** - The figure shows the schematic diagram of referral process of **database searching** apparatus.

pp; 65 DwgNo 6/32

Title Terms: DATABASE; SEARCH; APPARATUS; MEMORY; DEVICE; STORAGE; SELECT;

DATA; SEARCH

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

10/5/37 (Item 24 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013297734 \*\*Image available\*\*

WPI Acc No: 2000-469669/200041

XRPX Acc No: N00-350914

Help desk system for solving problems of customers about implementation of computer, searches for corresponding question and reply group from database when problem number, keyword are designated

Patent Assignee: HITACHI SOFTWARE ENG CO LTD (HISF )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000172700	A	20000623	JP 98345671	A	19981204	200041 B

Priority Applications (No Type Date): JP 98345671 A 19981204

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000172700	A	16		G06F-017/30	

Abstract (Basic): JP 2000172700 A

**NOVELTY** - Question from a customer and the reply of a person incharge are made into one set and are stored in a database. When either the manufacturing name of an article, keyword, problem number or date or the combination of all information is designated from an input device, the corresponding question and reply group is searched by search processor and displayed in a display unit (2).

**USE** - For answering query of the problem on the implementation of computer, telephone, facsimile, functional extension etc, asked from the customer.

**ADVANTAGE** - When a similar question or a similar problem is raised, the solution or reply is extracted easily and efficiently. Even if the person in charge is different to the problem of the customer, a homogeneous level can be answered and the customer is supported so the efficiency of help desk service is promoted.

**DESCRIPTION OF DRAWING(S)** - The figure shows the system block

diagram of help desk system.  
Display unit (2)  
pp; 16 DwgNo 1/24  
Title Terms: HELP; DESK; SYSTEM; SOLVING; PROBLEM; CUSTOMER; IMPLEMENT;  
COMPUTER; SEARCH; CORRESPOND; QUESTION; REPLY; GROUP; DATABASE; PROBLEM;  
NUMBER; KEYWORD; DESIGNATED  
Derwent Class: T01  
International Patent Class (Main): G06F-017/30  
International Patent Class (Additional): G06F-017/60  
File Segment: EPI

10/5/38 (Item 25 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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012505285 \*\*Image available\*\*  
WPI Acc No: 1999-311390/199926  
XRXPX Acc No: N99-232429

Information search database by frequent question and answer document - includes creating question contents and opening to register in question and answer database by questioner and creating and addressing answer document by correct answerer  
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )  
Inventor: IBMC  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RD 421091	A	19990510	RD 99421091	A	19990420	199926 B

Priority Applications (No Type Date): RD 99421091 A 19990420  
Patent Details:

Patent No	Kind	Lan Pg.	Main IPC	Filing Notes
RD 421091	A	3	G06F-000/00	

Abstract (Basic): RD 421091 A

NOVELTY - A searcher can purchase a question and answer (QA) document by a key word existing in the QA document text or by a synonym key word and a questioner can select a category of question , create the question content and open it to register in QA database. After opening a question, a mail is sent to the answerer assigned for the category and the answerer can create an answer document with an address of the target document and close it to register in QA database. The questioner can complete the document to register in the QA database

USE - Information searching of home-page or document database by accumulating QA documents to QA database

ADVANTAGE - Better search accuracy by using nonexistent key word in target document DESCRIPTION OF DRAWING(S) - The drawing shows a QA database connected to searcher , questioner, answerer and database

Dwg.1/1

Title Terms: INFORMATION; SEARCH; DATABASE; FREQUENT; QUESTION; ANSWER ; DOCUMENT; QUESTION; CONTENT; OPEN; REGISTER; QUESTION; ANSWER ; DATABASE ; ADDRESS; ANSWER ; DOCUMENT; CORRECT  
Derwent Class: T01  
International Patent Class (Main): G06F-000/00  
File Segment: EPI

10/5/39 (Item 26 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012470473 \*\*Image available\*\*

WPI Acc No: 1999-276581/199923

XRPX Acc No: N99-207325

Operating method of automated customer service system using natural language understanding system for answering customer queries - involves analysing question received from customer to generate language keys and extract required parameters, and querying database using data to obtain answer to question

Patent Assignee: AT & T CORP (AMTT )

Inventor: GOLDBERG R G; ROSINSKI R R

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5895466	A	19990420	US 97914532	A	19970819	199923 B
CA 2244826	A	19990219	CA 2244826	A	19980811	199931
CA 2244826	C	20010911	CA 2244826	A	19980811	200156

Priority Applications (No Type Date): US 97914532 A 19970819

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5895466	A	5		G06F-017/20	
CA 2244826	A			G06F-017/30	
CA 2244826	C	E		G06F-017/30	

Abstract (Basic): US 5895466 A

NOVELTY - The natural language devices analyzes the question received from a customer at a remote terminal over the public network using a natural language software. Then, language keys are generated and parameters from text based questions are extracted. The database is queried using the keys and parameters and receives and forwards the answer to the remote device. DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for natural language device.

USE - For operating automated customer service systems using natural language understanding system for answering customer queries.

ADVANTAGE - The device obviates the need for man power to handle queries from customers. The device does not rely on keywords to query the database and thus avoids incorrect answers. DESCRIPTION OF

DRAWING(S) - The figure shows the flow chart depicting the steps performed by the customer service system.

Dwg.2/2

Title Terms: OPERATE; METHOD; AUTOMATIC; CUSTOMER; SERVICE; SYSTEM; NATURAL ; LANGUAGE; UNDERSTAND; SYSTEM; ANSWER ; CUSTOMER; QUERY; ANALYSE; QUESTION; RECEIVE; CUSTOMER; GENERATE; LANGUAGE; KEY; EXTRACT; REQUIRE; PARAMETER; DATABASE; DATA; OBTAIN; ANSWER ; QUESTION

Derwent Class: T01

International Patent Class (Main): G06F-017/20; G06F-017/30

International Patent Class (Additional): G06F-017/28

File Segment: EPI

10/5/40 (Item 27 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012289102 \*\*Image available\*\*

WPI Acc No: 1999-095208/199908

Related WPI Acc No: 2002-009745

XRPX Acc No: N99-069270

Artificial intelligent natural language computational interface system - outputs information to user based upon analysis of data from stored resource information, thereby provides new data to user which is not directly stored in resource information

Patent Assignee: PEGASUS MICRO TECHNOLOGIES INC (PEGA-N)

Inventor: ARMSTRONG A A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5855002	A	19981229	US 96661433	A	19960611	199908 B

Priority Applications (No Type Date): US 96661433 A 19960611

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5855002	A	23		G10L-009/00	

Abstract (Basic): US 5855002 A

The system includes a receiving unit which receives a statement generated by a human user in natural language on a word by word basis. An analyser analyses the received statement to identify the subject. The analyser reformats the statement presented in the form of **question** into statement in the form of sentence. The analyser identifies **keywords** based on prestored words in the stored resource information. The searching unit searches the stored resource information for the data related to the identified subject. The **searching** unit includes a pair of **storage** areas for storing resources associated with the user and the system respectively.

Another **storage** area of the **searching** unit stores resources external to the system. A data providing unit provides data from the stored resource information related to identified subject to the users. A determination unit determines mood of the users from the statements generated by the user and creates human like **response**. An output unit outputs information to the user based upon analysis of data from the stored resource information to provide an **answer** to the user and thereby outputs new data to the user which is not directly stored in the resource information.

USE - For interfacing human to data processor having human like **responses**.

ADVANTAGE - Offers highly efficient, natural language, multilingual, linguistically programmable artificial language acquisition device to learn new tasks and to share learnt data between itself and other databases. Operates on natural human sentence structure and commands to enable use by operators who are not familiar with computer operations.

Dwg.15/16

Title Terms: ARTIFICIAL; INTELLIGENCE; NATURAL; LANGUAGE; COMPUTATION; INTERFACE; SYSTEM; OUTPUT; INFORMATION; USER; BASED; ANALYSE; DATA; STORAGE; RESOURCE; INFORMATION; NEW; DATA; USER; STORAGE; RESOURCE; INFORMATION

Derwent Class: P86; W04

International Patent Class (Main): G10L-009/00

File Segment: EPI; EngPI

10/5/41 (Item 28 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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010165764    \*\*Image available\*\*

WPI Acc No: 1995-067017/199509

XRPX Acc No: N95-053195

Case-based organising and querying of database e.g. newspaper library  
- examines and associates each object with set of property values such as  
keywords which appear more frequently in document than in database,  
using case-based matching or fuzzy associative matching

Patent Assignee: INFERENCE CORP (INFE-N)

Inventor: ALLEN B P; CARASSO R D; LEE D J; PERRY J R

Number of Countries: 056 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9502221	A1	19950119	WO 94US7569	A	19940705	199509 B
AU 9473236	A	19950206	AU 9473236	A	19940705	199518

Priority Applications (No Type Date): US 9388307 A 19930707

Cited Patents: US 5062074; US 5099426; US 5201048; US 5303361

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9502221 A1 E 68 G06F-015/40

Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK ES  
FI GB GE HU JP KE KG KP KR KZ LK LT LU LV MD MG MN MW NL NO NZ PL PT RO  
RU SD SE SI SK TJ TT UA US UZ VN

Designated States (Régional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC  
MW NL OA PT SD SE

AU 9473236 A G06F-015/40 Based on patent WO 9502221

Abstract (Basic): WO 9502221 A

The system for organising and querying a database (102) uses a set of objects (106), such as text documents. The database is organised by examining each object and associating that object with a set of keywords. A document is associated with those words which appear more frequently in the document than in the database at large, or which appear in the early text of the document, or which appear in the title. The system responds to a query (104) by associating the query with a similar set of property values and performing case-based matching on the objects of the database for similar objects.

The query may be natural language text and associated with keywords. The systems present matched objects in response to the query and responds to iterative refinement of the query and orders matched objected by quality of match. The system also responds to the result of organising matched objects for presentation with suggestions for iterative refinement of the query.

USE - Searching database using keywords and using iterative refinement of query for case-based organisation.

Dwg.1/8

Title Terms: CASE; BASED; ORGANISE; DATABASE; NEWSPAPER; LIBRARY; ASSOCIATE ; OBJECT; SET; PROPERTIES; VALUE; KEYWORD; APPEAR; MORE; FREQUENT; DOCUMENT; DATABASE; CASE; BASED; MATCH; FUZZ; ASSOCIATE; MATCH

Derwent Class: T01

International Patent Class (Main): G06F-015/40

File Segment: EPI

10/5/42 (Item 29 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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007790605    \*\*Image available\*\*

WPI Acc No: 1989-055717/198908

XRPX Acc No: N89-042433

**Computer system operating method for storing and retrieving data - creating signature file divided into subsets, mapping word signature to particular subset and storing subsets on storage device**

Patent Assignee: BURKOWSKI F J (BURK-I)

Inventor: KREBS M S

Number of Countries: 007 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 304302	A	19890222	EP 88307650	A	19880818	198908 B
US 4991087	A	19910205	US 88233601	A	19880818	199108
CA 1291574	C	19911029				199151

Priority Applications (No Type Date): GB 8719572 A 19870819

Cited Patents: 3.Jnl.Ref; A3...9124; No-SR.Pub; US 4183464

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 304302	A	E	11		
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Designated States (Regional): DE FR GB IT NL

Abstract (Basic): EP 304302 A

The method includes the steps of storing the database on the data storage device, creating for the database a signature file which is divided into subsets, mapping a word signature to a particular subset during creation of the file and storing the signature file subsets on the data **storage** device. Then, scanning for a word signature and retrieving the corresponding data from the **data base** in response to a **query keyword** by using the same information that was used to store the word signature in a particular subset.

During the creation of the signature file for a particular document, all common words are ignored, a logical word signature is computed for each remaining word and, if logical word signatures are computed as hash values, any duplicate logical word signatures are eliminated.

ADVANTAGE - Requires only single probe into signature file.

2/2

Title Terms: COMPUTER; SYSTEM; OPERATE; METHOD; STORAGE; RETRIEVAL; DATA; SIGNATURE; FILE; DIVIDE; SUBSET; MAP; WORD; SIGNATURE; SUBSET; STORAGE; SUBSET; STORAGE; DEVICE

Derwent Class: T01

International Patent Class (Additional): G06F-015/40

File Segment: EPI

Set      Items      Description  
S1      2      AU=(THYAGARAJAN V? OR THYAGARAJAN, V?)  
S2      464247      REPOSITORY? OR DATABASE OR (DATA OR CENTRAL) ()FILE OR DATA-  
          ()BASE? OR DB OR STORAGE?  
S3      1883115      RETRIEV? OR SEARCH? OR QUER? OR FIND? OR MATCH? OR COMPAR?  
S4      143396      FAQ? ? OR QUESTION? OR QUERY OR QUERIES OR INQUIR? OR ENQU-  
          IR?  
S5      425092      ANSWER? OR RESPONSE? ?  
S6      8895      KEYWORD? OR KEYPHRASE? OR KEYCLAUSE? OR KEY() (WORD? OR PHR-  
          ASE? OR CLAUSE? OR TERM?)  
S7      100302      S2(5N)S3  
S8      756      S4(5N)S6  
S9      170      S7(S)S8  
S10     35      S9(20N)S5  
? show file  
File 348:EUROPEAN PATENTS 1978-2004/Dec W03  
      (c) 2004 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20041230, UT=20041223  
      (c) 2004 WIPO/Univentio

10/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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01743365

Information storage and retrieval  
Speicherung und Wiederauffindung von Informationen  
Stockage et recuperation des informations

PATENT ASSIGNEE:

Sony United Kingdom Limited, (1630602), The Heights, Brooklands,  
Weybridge, Surrey KT13 0XW, (GB), (Applicant designated States: all)

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LEGAL REPRESENTATIVE:

DeVile, Jonathan Mark, Dr. et al (91151), D. Young & Co 21 New Fetter  
Lane, London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 1426882 A2 040609 (Basic)

APPLICATION (CC, No, Date): EP 2003256172 030930;

PRIORITY (CC, No, Date): GB 227683 021127

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

INTERNATIONAL PATENT CLASS: G06F-017/30

ABSTRACT WORD COUNT: 209

NOTE:

Figure number on first page: 11

LANGUAGE (Publication, Procedural, Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200424	1386
SPEC A	(English)	200424	8860
Total word count - document A			10246
Total word count - document B			0
Total word count - documents A + B			10246

...SPECIFICATION are displayed. Correspondingly the embodiment shown in  
Figure 10 is arranged to receive a search **query**, for example a **keyword**  
from the user control 414. In **response** to the keyword the search is  
conducted by the search processor 404 to identify a...

10/3,K/2 (Item 2 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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01740629

Information storage and retrieval apparatus and method  
Verfahren und Gerät zum Speichern und Wiederauffinden von Informationen  
Procede et appareil de stockage et recherche d'informations

PATENT ASSIGNEE:

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DeVile, Jonathan Mark, Dr. et al (91151), D. Young & Co 21 New Fetter Lane, London EC4A 1DA, (GB)  
PATENT (CC, No, Kind, Date): EP 1424640 A2 040602 (Basic)  
APPLICATION (CC, No, Date): EP 2003256448 031013;  
PRIORITY (CC, No, Date): GB 227692 021127  
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK  
INTERNATIONAL PATENT CLASS: G06F-017/30  
ABSTRACT WORD COUNT: 197

NOTE:

Figure number on first page: 20

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200423	766
SPEC A	(English)	200423	9811
Total word count - document A			10577
Total word count - document B			0
Total word count - documents A + B			10577

...SPECIFICATION are displayed. Correspondingly, the embodiment shown in Figure 10 is arranged to receive a search **query**, for example a **keyword** from the user control 414. In **response** to the keyword the search is conducted by the search processor 404 to identify in...

**10/3,K/3 (Item 3 from file: 348)**

DIALOG(R) File 348:EUROPEAN PATENTS  
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01602706

**Knowledge system**

**Wissenssystem**

**Système de connaissances**

**PATENT ASSIGNEE:**

Symbio IP Limited, (4316590), 32 Queens Road, Reading RG1 4BA, (GB),  
(Applicant designated States: all)

**INVENTOR:**

Francis, Gillian, E., Summer Cottage, Cane End, Reading, Berkshire RG4 9HG, (GB)

Byford, Peter, John, 1A Ashton House 58 Chilbolton Avenue, Winchester,  
Berkshire SO22 5HQ, (GB)

**LEGAL REPRESENTATIVE:**

Lind, Robert (79985), Marks & Clerk, Nash Court, Oxford Business Park South, Oxford OX4 2RU, (GB)

PATENT (CC, No, Kind, Date): EP 1326182 A2 030709 (Basic)

APPLICATION (CC, No, Date): EP 2002102647 021126;

PRIORITY (CC, No, Date): GB 1208457 011128

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
IE; IT; LI; LU; MC; NL; PT; SE; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/30

ABSTRACT WORD COUNT: 128

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
----------------	----------	--------	------------

CLAIMS A	(English)	200328	1273
SPEC A	(English)	200328	7890
Total word count - document A		9163	
Total word count - document B		0	
Total word count - documents A + B		9163	

...SPECIFICATION similar and the database 6 is consulted. The server 5 runs a search engine which **searches** the questions in **database** 6 for those having similar question codes and the question and **answer** pairs for those having similar keywords to find pairs where the combined **question** codes and **keywords** exactly or partially match the codes and keywords of the question being asked by user...

**10/3,K/4 (Item 4 from file: 348)**  
DIALOG(R) File 348:EUROPEAN PATENTS  
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01396413

Searching tool and process for unified search using categories and keywords  
Suchwerkzeug und Prozess zum Suchen unter Benutzung von sowohl Kategorien  
als auch Schlüsselwortern

Outil et procede de recherche unifiee en utilisant des categories et des  
mots cles

PATENT ASSIGNEE:

Exalead, (3256840), 204, rue de Crimee, 75019 Paris, (FR), (Applicant  
designated States: all)

INVENTOR:

Bertin, Patrice, 35, rue Solferino, 78800 Houilles, (FR)

Bourdoncle, Francois, 18, boulevard Edgar-Quinet, 75014 Paris, (FR)

LEGAL REPRESENTATIVE:

Cabinet Hirsch (101611), 34, Rue de Bassano, 75008 Paris, (FR)

PATENT (CC, No, Kind, Date): EP 1182581 A1 020227 (Basic)

APPLICATION (CC, No, Date): EP 2000402311 000818;

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/30

ABSTRACT WORD COUNT: 111

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200209	491
SPEC A	(English)	200209	6179
Total word count - document A		6670	
Total word count - document B		0	
Total word count - documents A + B		6670	

...SPECIFICATION mapped to a set of categories, at least part of said entries being associated with **keywords** ;  
- in **response** to a **query** of a user, selecting categories among said set of categories according to the entries returned by said **query** ;  
- dynamically selecting **keywords** associated to the entries returned by said **query** ; and  
- displaying to the user said selected...

...CLAIMS mapped to a set of categories, at least part of said entries

being associated with **keywords** ;  
- in **response** to a **query** of a user,  
- selecting categories among said set of categories according to  
the entries returned by said **query** ;  
- dynamically selecting **keywords** associated to the entries  
returned by said **query**; and  
- displaying to the user said selected...

10/3,K/5 (Item 5 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

00495564

Problem prevention on a computer system in a service network of computer  
systems

Problemverhutung auf einem Rechnersystem in einem Dienstnetzwerk von  
Rechnersystemen

Prevention de probleme sur un systeme a calculatrice d'un reseau de service  
de systemes a calculatrice

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,  
Armonk, N.Y. 10504, (US), (applicant designated states:  
BE;CH;DE;ES;FR;GB;IT;LI;NL;SE)

INVENTOR:

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Townsend, Susette Marie, 2603 28th Avenue N.W., Rochester, MN 55901,  
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(US)

Walts, James Orrin, 408 19th Street N.W., Rochester, Minnesota 55901,  
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LEGAL REPRESENTATIVE:

de Pena, Alain et al (15151), Compagnie IBM France Departement de  
Propriete Intellectuelle, 06610 La Gaude, (FR)

PATENT (CC, No, Kind, Date): EP 471638 A2 920219 (Basic)

EP 471638 A3 930224  
EP 471638 B1 980107

APPLICATION (CC, No, Date): EP 91480111 910717;

PRIORITY (CC, No, Date): US 570110 900817

DESIGNATED STATES: BE; CH; DE; ES; FR; GB; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: G06F-011/22; G06F-011/30; G06F-011/00;

ABSTRACT WORD COUNT: 176

LANGUAGE (Publication, Procedural, Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9802	566
CLAIMS B	(German)	9802	592
CLAIMS B	(French)	9802	818
SPEC B	(English)	9802	10809
Total word count - document A			0
Total word count - document B			12785
Total word count - documents A + B			12785

...SPECIFICATION experiences, and what hardware and software components are present on the system. As the customer **answers** these **questions**, the service rep enters certain **key words** into a terminal. When he is satisfied that he has sufficiently characterized the problem, the...

10/3,K/6 (Item 6 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

00495563

Tracking the resolution of a problem on a computer system in a service network of computer systems

Spuren der Losung eines Problems auf einem Rechnersystem in einem Dienstnetzwerk von Rechnersystemen

Tracage de la resolution d'un probleme sur un systeme a calculatrice dans un reseau de service de systemes de calculatrice

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states:  
BE;CH;DE;ES;FR;GB;IT;LI;NL;SE)

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Koehler, John Louis, 967 Chalet Drive N.W., Rochester, Minnesota 55901, (US)

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LEGAL REPRESENTATIVE:

de Pena, Alain et al (15151), Compagnie IBM France Departement de Propriete Intellectuelle, 06610 La Gaude, (FR)

PATENT (CC, No, Kind, Date): EP 471637 A2 920219 (Basic)  
EP 471637 A3 930224  
EP 471637 B1 980204

APPLICATION (CC, No, Date): EP 91480110 910717;

PRIORITY (CC, No, Date): US 569109 900817

DESIGNATED STATES: BE; CH; DE; ES; FR; GB; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: G06F-011/22; G06F-011/30;

ABSTRACT WORD COUNT: 176

LANGUAGE (Publication, Procedural, Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9806	568
CLAIMS B	(German)	9806	644
CLAIMS B	(French)	9806	662
SPEC B	(English)	9806	10805
Total word count - document A			0
Total word count - document B			12679
Total word count - documents A + B			12679

...SPECIFICATION experiences, and what hardware and software components are present on the system. As the customer **answers** these **questions**, the service rep enters certain **key words** into a terminal. When he is satisfied that he has sufficiently characterized the problem, the...

10/3,K/7 (Item 7 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

00495562

Flexible service network for computer systems

Flexibles Dienstnetzwerk fur Rechnersysteme

Reseau de service flexible pour systemes a calculatrices

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,  
Armonk, N.Y. 10504, (US), (applicant designated states:  
BE;CH;DE;ES;FR;GB;IT;LI;NL;SE)

INVENTOR:

Koehler, John Louis, 967 Chalet Drie N.W., Rochester, Minnesota 55901,  
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55901, (US)

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55976, (US)

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55904, (US)

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, (US)  
Harney, Raymond Keith, 1856 Terracewood Drive N.W., Rochester, Minnesota  
55901, (US)  
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Hurlebaus, Gregory Scott, 823 36th Street S.W., Rochester, Minnesota  
55902, (US)  
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LEGAL REPRESENTATIVE:

de Pena, Alain et al (15151), Compagnie IBM France Departement de  
Propriete Intellectuelle, 06610 La Gaude, (FR)  
PATENT (CC, No, Kind, Date): EP 471636 A2 920219 (Basic)  
EP 471636 A3 930224  
EP 471636 B1 980107

APPLICATION (CC, No, Date): EP 91480109 910717;

PRIORITY (CC, No, Date): US 569119 900817

DESIGNATED STATES: BE; CH; DE; ES; FR; GB; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: G06F-011/22;

ABSTRACT WORD COUNT: 228

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9802	277
CLAIMS B	(German)	9802	306
CLAIMS B	(French)	9802	347
SPEC B	(English)	9802	10753
Total word count - document A			0
Total word count - document B			11683
Total word count - documents A + B			11683

...SPECIFICATION experiences, and what hardware and software components are present on the system. As the customer **answers** these **questions**, the service rep enters certain **key words** into a terminal. When he is satisfied that he has sufficiently characterized the problem, the...

10/3,K/8 (Item 8 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00495561

Automated enrolment of a computer system into a service network of computer systems

Automatisierte Aufnahme eines Rechnersystems in einem Dienstnetzwerk von Rechnersystemen

Enrollement automatise d'un systeme a calculatrice dans un reseau de service de systemes a calculatrice

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,  
Armonk, N.Y. 10504, (US), (applicant designated states:  
BE;CH;DE;ES;FR;GB;IT;LI;NL;SE)

INVENTOR:

Calvert, Nathaniel, 3102 Crescent Lane N.W., Rochester, Minnesota 55901,  
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Koehler, John Louis, 967 Chalet Drie N.W., Rochester, Minnesota 55901,  
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Lindberg, Erik Duane, 2685 Riverside Lane N.E., Rochester, Minnesota  
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McKelvey, Mark Ambrose, 114 23rd Street S.W., Rochester, Minnesota 55902,  
(US)  
Mervosh, Steven Paul, 842 24th Street S.E., Rochester, Minnesota 55904,  
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Upchurch, Ruth Ann, 1526 Ridge Court N.E., Rochester, Minnesota 55906,  
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Westling, Sandra Dorothy, 5904 Contry View Court N.W., Rochester,  
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LEGAL REPRESENTATIVE:

de Pena, Alain et al (15151), Compagnie IBM France Departement de  
Propriete Intellectuelle, 06610 La Gaude, (FR)  
PATENT (CC, No, Kind, Date): EP 471635 A2 920219 (Basic)  
EP 471635 A3 930224  
EP 471635 B1 980204

APPLICATION (CC, No, Date): EP 91480108 910717;

PRIORITY (CC, No, Date): US 569110 900817

DESIGNATED STATES: BE; CH; DE; ES; FR; GB; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: G06F-011/22;

ABSTRACT WORD COUNT: 122

LANGUAGE (Publication, Procedural, Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9806	348
CLAIMS B	(German)	9806	349
CLAIMS B	(French)	9806	423
SPEC B	(English)	9806	10712
Total word count - document A			0
Total word count - document B			11832
Total word count - documents A + B			11832

...SPECIFICATION experiences, and what hardware and software components are  
present on the system. As the customer **answers** these **questions**, the  
service rep enters certain **key words** into a terminal. When he is  
satisfied that he has sufficiently characterized the problem, the...

10/3,K/9 (Item 9 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

00468749

Remote lecturing system

System fur den Fernunterricht

Système d'enseignement à distance

PATENT ASSIGNEE:

FUJITSU LIMITED, (211460), 1015, Kamikodanaka, Nakahara-ku, Kawasaki-shi,  
Kanagawa 211, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

Ryu, Tadamitsu, c/o Fujitsu Network Eng. Ltd., 100-1, Sakato, Takatsu-ku,  
Kawasaki-shi, Kanagawa, 213, (JP)

Tanida, Toshisugu, c/o Fujitsu Network Eng. Ltd., 100-1, Sakato,  
 Takatsu-ku, Kawasaki-shi, Kanagawa, 213, (JP)  
 Tuchiya, Michio, c/o Fujitsu Network Eng. Ltd., 100-1, Sakato, Takatsu-ku  
 , Kawasaki-shi, Kanagawa, 213, (JP)  
**LEGAL REPRESENTATIVE:**  
 Lehn, Werner, Dipl.-Ing. et al (7471), Hoffmann, Eitle & Partner,  
 Patentanwalte, Postfach 81 04 20, 81904 Munchen, (DE)  
**PATENT (CC, No, Kind, Date):** EP 474160 A1 920311 (Basic)  
 EP 474160 B1 970102  
**APPLICATION (CC, No, Date):** EP 91114743 910902;  
**PRIORITY (CC, No, Date):** JP 90232732 900903  
**DESIGNATED STATES:** DE; FR; GB  
**INTERNATIONAL PATENT CLASS:** G09B-005/14; G09B-007/04;  
**ABSTRACT WORD COUNT:** 152

**LANGUAGE (Publication, Procedural, Application):** English; English; English  
**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	987
CLAIMS B	(English)	EPAB97	1032
CLAIMS B	(German)	EPAB97	974
CLAIMS B	(French)	EPAB97	1055
SPEC A	(English)	EPABF1	6013
SPEC B	(English)	EPAB97	6129
Total word count - document A			7000
Total word count - document B			9190
Total word count - documents A + B			16190

...SPECIFICATION not being a new question, that is, decided as being already registered in the second **storage** 12b, and **retrieves** a corresponding **answer** to this question from the second storage 12b. In other words, the corresponding **answer** is **retrieved** from the second **storage** 12b by making access using the **questioning keyword**. The retrieved **answer** is transmitted to the terminal station 40 or 50 of the student via the transmitter...in a questioning keyword column 41, ""function of DMIX is ..." which is written in an **answer** column 42, and a "lecturer Mr. Smith" written in an **answering** lecturer column 43.

Hence, a step 304 collates the **questioning keyword** "NW,DMIX" with the **questioning keywords** which are registered in the **questioning keyword** column 41 of the Q/A file in the second **storage** 12b. When the matching **questioning keyword** "NW,DMIX" is found in the **questioning keyword** column 41, the step 304 retrieves the corresponding **answer** "function of DMIX is ..." from the **answer** column 42 of the Q/A file, and transmits this answer to the student as...

...SPECIFICATION not being a new question, that is, decided as being already registered in the second **storage** 12b, and **retrieves** a corresponding **answer** to this question from the second storage 12b. In other words, the corresponding **answer** is **retrieved** from the second **storage** 12b by making access using the **questioning keyword**. The retrieved **answer** is transmitted to the terminal station 40 or 50 of the student via the transmitter...in a questioning keyword column 41, ""function of DMIX is ..." which is written in an **answer** column 42, and a "lecturer Mr. Smith" written in an **answering** lecturer column 43.

Hence, a step 304 collates the **questioning keyword** "NW,DMIX" with the **questioning keywords** which are registered in the **questioning keyword** column 41 of the Q/A file in the second **storage** 12b. When the matching **questioning keyword** "NW,DMIX" is found in the **questioning keyword** column 41, the step 304 retrieves the corresponding **answer** "function of DMIX is ..." from the **answer** column 42 of the Q/A file,

and transmits this answer to the student as...

...CLAIMS lecturing system as claimed in any of claims 1 to 10, characterized in that said **answer** obtaining means (16) collates **keywords** included in the **question** from the first terminal station (40, 50, 902(sub 1)-902( sub(N))) with **keywords** of the **questions** and **answers** stored in said second **storage** means (12b) and **retrieves** a candidate **answer** which corresponds to a question with a largest number of matching **keywords** as the **answer** to the **question** from the first terminal station.

12. The remote lecturing system as claimed in claim 11, characterized in that, when said **answer** obtaining means (16) retrieves a plurality of candidate answers corresponding to predetermined questions with the...

10/3,K/10 (Item 10 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00377885

On-line problem management for data-processing systems.

On-line-Problemverwaltung fur Datenverarbeitungssysteme.

Gestion en ligne de problemes pour systemes de traitement de donnees.

PATENT ASSIGNEE:

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 333620 A2 890920 (Basic)  
EP 333620 A3 910320  
EP 333620 B1 950111

APPLICATION (CC, No, Date): EP 89480038 890303;

PRIORITY (CC, No, Date): US 169516 880317

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-011/00; G06F-011/22;

ABSTRACT WORD COUNT: 84

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPBBF2	704
CLAIMS B	(English)	EPBBF2	769
CLAIMS B	(German)	EPBBF2	795
CLAIMS B	(French)	EPBBF2	960
SPEC A	(English)	EPBBF2	5932
SPEC B	(English)	EPBBF2	6047

Total word count - document A 6636  
Total word count - document B 8571  
Total word count - documents A + B 15207

...SPECIFICATION experiences, and what hardware and software components are present on the system. As the customer **answers** these **questions**, the service rep enters certain **key words** into a terminal. When he is satisfied that he has sufficiently characterized the problem, the...

...SPECIFICATION experiences, and what hardware and software components are present on the system. As the customer **answers** these **questions**, the service rep enters certain **key words** into a terminal. When he is satisfied that he has sufficiently characterized the problem, the...

10/3,K/11 (Item 11 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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00315605

Data retrieval system.

Datenwiederauffindungssystem.

Système de retraitement des données.

PATENT ASSIGNEE:

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Krebs, Marke Sinclair, (1007120), 46 Garnet Avenue, Toronto Ontario M6G 1V5, (CA), (applicant designated states: DE;FR;GB;IT;NL)

INVENTOR:

Burkowski, Forbes J., 65 Margaret Avenue South, Waterloo Ontario N2J 2C8, (CA)

Krebs, Marke Sinclair, 46 Garnet Avenue, Toronto Ontario M6G 1V5, (CA)

LEGAL REPRESENTATIVE:

Warren, Anthony Robert et al (37332), BARON & WARREN 18 South End Kensington, London W8 5BU, (GB)

PATENT (CC, No, Kind, Date): EP 304302 A2 890222 (Basic)  
EP 304302 A3 910612

APPLICATION (CC, No, Date): EP 88307650 880818;

PRIORITY (CC, No, Date): GB 8719572 870819

DESIGNATED STATES: DE; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS: G06F-015/40;

ABSTRACT WORD COUNT: 240

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1201
SPEC A	(English)	EPABF1	4447
Total word count - document A			5648
Total word count - document B			0
Total word count - documents A + B			5648

...ABSTRACT of the file and the same mapping information is used to retrieve the information in **response** to a **query keyword**. Each word signature is a logical word signature and has two components a physical word...

...SPECIFICATION the signature file is necessary and only part of the signature file is searched in **response** to a particular **query keyword**

In accordance with the present invention, a method of operating a

computer system to store...

...signature file subsets on said data storage means;

(c) scanning for a word signature and retrieving the corresponding data from said database in response to a query keyword by using the same mapping information that was used to store the word signature in

...

...means. There are means for creating a word signature file with document identifiers for the database and means for retrieving a word signature, document identifier and corresponding data from the database in response to a query keyword using the scanner. The scanner has an input section, an output section, a control, a...

...CLAIMS signature file subsets on said data storage means;

(c) scanning for a word signature and retrieving the corresponding data from said database in response to a query keyword by using the same mapping information that was used to store the word signature in...data storage device, means for creating a word signature file with document identifiers for the database , means for retrieving a word signature, document identifier and corresponding data from a database in response to a query keyword using a scanner, said scanner comprising an input section, an output section, a control, a...

10/3,K/12 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01186738 \*\*Image available\*\*

INTERACTIVE SYSTEM FOR BUILDING, ORGANISING, AND SHARING ONE'S OWN DATABANK OF QUESTIONS AND ANSWERS IN A VARIETY OF QUESTIONING FORMATS, ON ANY SUBJECT IN ONE OR MORE LANGUAGES

SYSTEME INTERACTIF PERMETTANT DE CONSTRUIRE, ORGANISER ET PARTAGER UNE BANQUE DE DONNEES PERSONNELLE DE QUESTIONS ET REPONSES, DANS UNE PLURALITE DE FORMATS D'INTERROGATIONS, CONCERNANT UN SUJET QUELCONQUE ET DANS UNE OU PLUSIEURS LANGUES

Patent Applicant/Inventor:

GORADIA Dharamdas Gautam, 2nd Floor, Lilouville, West Avenue, Santacruz (West), Mumbai 400 054, Maharashtra, IN, IN (Residence), IN (Nationality)

Legal Representative:

SAURASTRI Manish (et al) (agent), Krishna & Saurastri, 74/F, Venus, Worli Sea Face, Mumbai 400 018, Maharashtra, IN,

Patent and Priority Information (Country, Number, Date):

Patent: WO 2004109425 A2 20041216 (WO 04109425)

Application: WO 2004IN127 20040507 (PCT/WO IN04000127)

Priority Application: IN 2003486 20030514

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 48957

Fulltext Availability:  
Detailed Description

Detailed Description

... subsequent word  
with respect to the immediately preceding word. The Control System  
searches for the **keyword** in the **Question**, **Answer**, and Remarks  
fields of  
the Records and brings forth the Find Results accordingly. The user...

**10/3,K/13 (Item 2 from file: 349)**

DIALOG(R) File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

01182053 \*\*Image available\*\*

**MODEL REFERENCING METHOD AND APPARATUS**

**PROCEDE ET APPAREIL DE REFERENCIEMENT DE MODELE**

Patent Applicant/Assignee:

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, US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

JENSEN Robert, 1805 Delaware Street, Berkeley, California 94703, US, US  
(Residence), US (Nationality), (Designated only for: US)

WITKIN Andrew, 5552 Golden Gate Avenue, Oakland, California 94618, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

PANG Stephen Y (et al) (agent), Townsend And Townsend And Crew LLP, Two  
Embarcadero Center, 8th Floor, San Francisco, California 94111-3834, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 2004104764 A2 20041202 (WO 04104764)

Application: WO 2004US15360 20040513 (PCT/WO US04015360)

Priority Application: US 2003470948 20030514; US 2004766758 20040127

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO  
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO  
SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7883

Fulltext Availability:

Detailed Description

Detailed Description

... asset management system or a database management system, the user may  
provide one or more **key words** for initiating a **query**. In **response**

, to the user's request, **storage** system 220 **retrieves** the requested object model within object creation envirom-nent 210, step 420.  
[00571 Next,withinobjectcreationenviroDment210...]

10/3,K/14 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

01168476 \*\*Image available\*\*

**A METHOD FOR DETERMINING A SPECIALIST IN A FIELD ON-LINE AND A SYSTEM FOR ENABLING THE METHOD**

**PROCEDE POUR CHOISIR UN SPECIALISTE DANS UN DOMAINE EN LIGNE ET SYSTEME DE REALISATION DE CE PROCEDE**

Patent Applicant/Assignee:

NHN CORPORATION, 34th Fl., Startower Building, 737 Yoksam-dong,  
Kangnam-gu, 135-984 Seoul, KR, KR (Residence), KR (Nationality), (For  
all designated states except: US)

Patent Applicant/Inventor:

CHOI Mi Jeong, No. 9-505, Woosung 4-cha Apartment, Dogok-2-dong,  
Kangnam-gu, 135-853 Seoul, KR, KR (Residence), KR (Nationality),  
(Designated only for: US)

Legal Representative:

CHUN Sung Jin (agent), Muhan Patent & Law Firm, 5th Fl., Youngpoong  
Building, 142 Nonhyun-dong, Kangnam-gu, Seouol 135-749, KR,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200490776 A1 20041021 (WO 0490776)  
Application: WO 2004KR820 20040408 (PCT/WO KR04000820)  
Priority Application: KR 1020030023078 20030411

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU  
SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO  
SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: Korean

Fulltext Word Count: 10258

Fulltext Availability:

Detailed Description

Detailed Description

... the conventional art, a user (a questioner) having a predetermined question accesses to the question-answer system 106 using a user's terminal 101 through the Internet 103. A user inputs a keyword related to his question, and searches a knowledge database 104, thereby checking whether a question similar to his question or an answer related to his question is already registered in the knowledge database 104. If the user...

10/3,K/15 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

01129479 \*\*Image available\*\*  
**SYSTEM AND METHOD FOR PAY FOR PERFORMANCE ADVERTISING HAVING BIDDABLE ADVERTISING UNITS UTILIZING ROTATING ROUTING TO ADVERTISER WEBSITES**  
**SISTÈME ET PROCEDE DE PUBLICITE AVEC REMUNERATION AU RENDEMENT, PRESENTANT DES UNITES DE PUBLICITE POUVANT FAIRE L'OBJET D'UNE OFFRE, ET UTILISANT UN ACHEMINEMENT PAR ROTATION VERS DES SITES WEB PUBLICITAIRES**

Patent Applicant/Assignee:

FINDWHAT COM, 12751 Suite 3, Westlinks Drive, Fort Meyers, FL 33913, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

PISARIS-HENDERSON Craig Allen, 11710 Rosemount Drive, Fort Myers, FL 33913, US, US (Residence), US (Nationality), (Designated only for: US)

GARCIA Anthony Albert, 13800 Silver Lake Court, Fort Myers, FL 33912, US, US (Residence), US (Nationality), (Designated only for: US)

THUNE Phillip Ross, 7885 Go Canes Way, Fort Meyers, FL 33912, US, US (Residence), US (Nationality), (Designated only for: US)

WILLIAMS Jason Benhard, 2011 SE 13th Street, Cape Coral, FL 33990, US, US (Residence), US (Nationality), (Designated only for: US)

RAE David Clouston, 209 Egret Avenue, Naples, FL 34108, US, US (Residence), CA (Nationality), (Designated only for: US)

NEUMANN Peter Thomas, 20 Winewood Court, Fort Myers, FL 33919, US, US (Residence), US (Nationality), (Designated only for: US)

HART Sean Patrick, 13397 Broadhurst Loop, Fort Meyers, FL 33919, US, US (Residence), US (Nationality), (Designated only for: US)

PROTHEROE Robert Llewellyn, 9660 Wilshire Lakes Boulevard, Naples, FL 34109, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

EGBERT Walter M III (agent), Baker Botts L.L.P., 30 Rockefeller Plaza, New York, NY 10112-4498, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200451418 A2 20040617 (WO 0451418)

Application: WO 2003US38007 20031126 (PCT/WO US03038007)

Priority Application: US 2002429494 20021127

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU  
SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9475

Fulltext Availability:

Detailed Description

Detailed Description

... such as the database offered by Inkotomi. The query processing block 120 can receive relevant **responses** to the **keyword** search **query** from both the generic **search** engine **database** 130 and from the advertiser database 125 maintained in computer readable media. The results may...

10/3,K/16 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

01126202 \*\*Image available\*\*  
**INFORMATION STORAGE AND RETRIEVAL**  
**STOCKAGE ET EXTRACTION D'INFORMATIONS**

Patent Applicant/Assignee:

SONY UNITED KINGDOM LIMITED, The Heights, Brooklands, Weybridge KT13 0XW,  
GB, GB (Residence), GB (Nationality), (For all designated states  
except: US)

Patent Applicant/Inventor:

TREPESS David William, 18 Corinthian Close, Hatch Warren, Basingstoke,  
Hampshire RG22 4TN, GB, GB (Residence), GB (Nationality), (Designated  
only for: US)

THORPE Jonathan Richard, 18 Kestrel Close, Badger Farm, Winchester,  
Hampshire SO22 4QF, GB, GB (Residence), GB (Nationality), (Designated  
only for: US)

Legal Representative:

DEVILE Jonathan Mark (et al) (agent), D Young & Co, 21 New Fetter Lane,  
London EC4A 1DA, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200449206 A1 20040610 (WO 0449206)  
Application: WO 2003GB4758 20031104 (PCT/WO GB03004758)  
Priority Application: GB 200227659 20021127

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

CN JP US  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 10976

Fulltext Availability:

Detailed Description

Detailed Description

... are displayed. Correspondingly, the embodiment shown in @igure 10 is  
arranged to receive a search **query**, for example a **keyword** from the  
user control 414.

In **response** to the keyword the search is conducted by the search  
processor 404 to identify in...

10/3,K/17 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

01099440 \*\*Image available\*\*  
**SYSTEM AND METHOD FOR PAY FOR PERFORMANCE ADVERTISING EMPLOYING MULTIPLE  
SETS OF ADVERTISEMENT LISTINGS**  
**SYSTEME ET PROCEDE PERMETTANT DE PAYER UNE PUBLICITE DE QUALITE UTILISANT  
DES ENSEMBLES MULTIPLES DE LISTES DE PUBLICITE**

Patent Applicant/Assignee:

FINDWHAT COM, 12751 Suite 3, Westlinks Drive, Fort Meyers, FL 33913, US,  
US (Residence), US (Nationality), (For all designated states except:

US)

Patent Applicant/Inventor:

PISARIS-HENDERSON Craig Allen, 11710 Rosemount Drive, Fort Meyers, FL 33913, US, US (Residence), US (Nationality), (Designated only for: US)  
GARCIA Anthony Albert, 13800 Silver Lake Court, Fort Meyers, FL 33912, US , US (Residence), US (Nationality), (Designated only for: US)  
THUNE Phillip Ross, 7885 Go Canes Way, Fort Meyers, FL 33912, US, US (Residence), US (Nationality), (Designated only for: US)  
WILLIAMS Jason Benhard, 2011 SE 13th Street, Cape Coral, FL 33990, US, US (Residence), US (Nationality), (Designated only for: US)  
RAE David Clouston, 209 Egret Avenue, Naples, FL 34108, US, US (Residence), US (Nationality), (Designated only for: US)  
NEUMANN Peter Thomas, 20 Winewood Court, Fort Meyers, FL 33919, US, US (Residence), US (Nationality), (Designated only for: US)  
HART Sean Patrick, 13397 Broadhurst Loop, Fort Meyers, FL 33919, US, US (Residence), US (Nationality), (Designated only for: US)  
PROTHEROE Robert Llewellyn, 9660 Wilshire Lakes Boulevard, Naples, FL 34109, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

EGBERT Walter M III (agent), Baker Botts L.L.P, 30 Rockefeller Plaza, New York, NY 10112-4498, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200421152 A2-A3 20040311 (WO 0421152)  
Application: WO 2003US27474 20030829 (PCT/WO US03027474)  
Priority Application: US 2002407533 20020830; US 2002418022 20021011

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 11784

Fulltext Availability:

Detailed Description

Detailed Description

... by Inktomi Corporation of Foster City, California. The query processing block 120 may receive relevant responses to the keyword search query from both the generic search engine database 130 and from the partitioned advertiser keyword database 125. Both sets of results are merged...

10/3,K/18 (Item 7 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

00943721 \*\*Image available\*\*

AUTOMATIC VIDEO RETRIEVER GENIE

GENIE DE RECHERCHE VIDEO AUTOMATIQUE

Patent Applicant/Assignee:

KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA

Eindhoven, NL, NL (Residence), NL (Nationality)

Inventor(s):  
DIMITROVA Nevenka, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,  
JANEVSKI Angel, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

Legal Representative:  
GROENENDAAL Antonius W M (agent), Internationaal Octrooibureau B.V.,  
Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

Patent and Priority Information (Country, Number, Date):  
Patent: WO 200277864 A2-A3 20021003 (WO 0277864)  
Application: WO 2002IB868 20020312 (PCT/WO IB02000868)  
Priority Application: US 2001818303 20010327

Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
CN JP KR  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 6680

Fulltext Availability:  
Detailed Description

Detailed Description  
... by reference herein. 1 0 Once the query processing 60 has identified a particular external **database** pointer in the **search** site descriptions 66 **database** or **repository** for **finding** an **answer** to the query of the user 40, the query processing 60 uses the pointer to link with the particular external **database** 24 and **retrieves** data 70 from the particular external database 24, wherein the retrieved data 70 relates to ...  
...ever win an Academy Award?" may be asked of a search engine, or the same question may be **answered** by a **keyword** search based on the logical expression: "Clark Gable" AND "Academy Award". The retrieved data 70...

10/3,K/19 (Item 8 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00922974  
CREATION OF STRUCTURED DATA FROM PLAIN TEXT  
CREATION DE DONNEES STRUCTUREES A PARTIR D'UN TEXTE EN CLAIR

Patent Applicant/Assignee:  
SOFTFACE INC, Suite 570, 2121 N. California Blvd, Walnut Creek, CA 94596, US, US (Residence), US (Nationality)

Inventor(s):  
SALDANHA Alexander, 2512 Tulare Avenue, El Cerrito, CA 94530, US,  
MCGEER Patrick C, 50 Diablo View Road, Orinda, CA 94563, US,  
CARLONI Luca, 200 Tunnel Road, Berkeley, CA 94705, US,

Legal Representative:  
SUEOKA Greg T (et al) (agent), Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA 94306, US,

Patent and Priority Information (Country, Number, Date):  
Patent: WO 200256196 A2-A3 20020718 (WO 0256196)  
Application: WO 2002US757 20020107 (PCT/WO US2002000757)  
Priority Application: US 2001757075 20010108

Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PL PT RO RU SD SE SG SI SK  
SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 49123

Fulltext Availability:

Detailed Description

Detailed Description

... Patent No.

5,404,295, entitled "Method and Apparatus for Utilizing Annotations to Facilitate Computer Retrieval of Database Material," issued on April 4, 1995 to Katz, et al. In systems employing free-form keyword searching, questions and answers are stored as sets. The question is typically stored in a canonical form, and a...

10/3,K/20 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00920233 \*\*Image available\*\*

MULTI-QUERY DATA VISUALIZATION

PROCEDES DE VISUALISATION DE DONNEES MULTI-REQUETES, APPAREIL DE VISUALISATION DE DONNEES, SUPPORT LISIBLE PAR ORDINATEUR ET SIGNAUX DE DONNEES INFORMATIQUES INTEGRES DANS UN SUPPORT DE TRANSMISSION

Patent Applicant/Assignee:

BATTELLE MEMORIAL INSTITUTE, 902 Battelle Boulevard, Richland, WA 99352, US, US (Residence), US (Nationality)

Inventor(s):

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HETZLER Elizabeth G, 292 Rachel Road, Kennewick, WA 99338, US,  
HAVRE Susan L, 300 Rockwood Drive, Richland, WA 99352, US,  
PERRINE Kenneth A, 1022 Rio Senda Court, Richland, WA 99352, US,  
JURRUS Elizabeth R, 9202 West Gage Boulevard, Apartment Q204, Kennewick, WA 99336, US,

NOWELL Lucy T, 40 Edgewood Drive, Richland, WA 99352, US,

Legal Representative:

FLIEGEL Frederick M (et al) (agent), Suite 1300, 601 W. 1st Avenue, Spokane, WA 99201-3828, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200254287 A2-A3 20020711 (WO 0254287)

Application: WO 2001US45867 20011221 (PCT/WO US0145867)

Priority Application: US 2001755503 20010105

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 9741

Fulltext Availability:

Detailed Description

Detailed Description

... does not know much about the expected results, but does know what form a relevant **response** might take. In this case, the interaction of the user with the **database** is similar to a conventional **search**, such as a Boolean keyword search.

Query objects 31-36 may represent efforts to browse...

**10/3, K/21 (Item 10 from file: 349)**  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00910848 \*\*Image available\*\*

**SYSTEM FOR MODELING BIOLOGICAL PATHWAYS**  
**SYSTÈME DE MODELISATION DE MECANISMES BIOLOGIQUES**

Patent Applicant/Assignee:

PHYSIOME SCIENCES INC, Suite 300, 150 College Road West, Princeton, NJ 08540-6604, US, US (Residence), US (Nationality)

Inventor(s):

JIM Kam-Chuen, 6514 Town Court North, Lawrenceville, NJ 08648, US,  
LETT Gregory Scott, 409 South Main Street, Hightstown, NJ 08520, US,  
PESTANO Gary Anthony, 1630 228th Street SE, #C-206, Bothell, WA 98021, US

ZUO Zhuang, 4231 Bayberry Court, Monmouth Junction, NJ 08852, US,  
RAMAKRISHNA Ramprasad, 6-08 Fox Run Drive, Plainsboro, NJ 08536, US,

Legal Representative:

RESTAINO Leslie Gladstone (agent), Brown Raysman Millstein Felder & Steiner LLP, 4th floor, 55 Madison Avenue, Morristown, NJ 07960, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200244992 A2-A3 20020606 (WO 0244992)

Application: WO 2001US26887 20010829 (PCT/WO US2001026887)

Priority Application: US 2000723410 20001128

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7995

Fulltext Availability:

Detailed Description

Detailed Description

... string into a format understood by search engine module 42. Search engine module 42 then **searches** knowledge **database** 44 for the queried information. Where a positive **response** is obtained (i.e., the location of the relevant information is identified in the knowledge...

10/3,K/22 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

00910728 \*\*Image available\*\*

**SYSTEMS AND METHODS FOR CONDUCTING ELECTRONIC MEDIA TRANSACTIONS  
SYSTEMES ET PROCEDES DE REALISATION DE TRANSACTIONS DE CONTENUS MULTIMEDIA  
ELECTRONIQUES**

Patent Applicant/Assignee:

ENDEAVORS TECHNOLOGY INC, 19700 Fairchild Avenue, Suite 200, Irvine, CA 92614, US, US (Residence), US (Nationality)

Inventor(s):

BOLCER Gregory Alan, 1530 Avolencia Drive, Fullerton, CA 92835, US,  
BYARS Tim, 2785 Pacific Coast Highway, #292, Torrance, CA 90505, US,  
MUIR III Arthur Hughes, 185 Amherst Aisle, Irvine, CA 92612, US,

Legal Representative:

ENGLISH William A (agent), Lyon & Lyon LLP, 633 West Fifth Street, Los Angeles, CA 90071-2066, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200244843 A2-A3 20020606 (WO 0244843)  
Application: WO 2001US44360 20011126 (PCT/WO US0144360)  
Priority Application: US 2000724942 20001128

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 10507

Fulltext Availability:

Detailed Description

Detailed Description

... to return links to candidate electronic media, i.e., accessible via the subscribers' systems, in **response** to **query keywords** and/or other criteria provided by the users. Alternatively, the cache server 50 may include...

10/3,K/23 (Item 12 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00891478 \*\*Image available\*\*

**METHODS AND APPARATUS FOR PROVIDING CUSTOMER SUPPORT  
PROCEDE ET DISPOSITIF D'ASSISTANCE CLIENTELE**

Patent Applicant/Assignee:

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Inventor(s):  
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ROGNERUD Jon, 8180 Manitoba Street, #339, Playa Del Rey, CA 90293, US,

Legal Representative:  
PISANO Nicola A (et al) (agent), c/o Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020, US,

Patent and Priority Information (Country, Number, Date):  
Patent: WO 200225627 A1 20020328 (WO 0225627)  
Application: WO 2001US29510 20010921 (PCT/WO US0129510)  
Priority Application: US 2000666202 20000921

Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 5134

Fulltext Availability:  
Detailed Description

Detailed Description  
... consumer.

Alternatively, a web site may offer a searchable database of common questions and there **answers**. A user may submit a **question**, or a list of **keywords**, which is used to **search** the **database** and a list of **questions** and **answers** containing the **keywords** is then returned to the user.

While such Q/A systems are useful, they are...

...as "when" or "where."  
After entering the questions, the Q/A editor provides a corresponding **answer** in text box 66. **Key words** describing the **question** and/or **answer** may be entered in text box 67, or may be automatically determined by the system in **response** to selecting button 68. The **questions**, **answers**, and **key words** are then be added to 1 0 the Q/A database by selecting buttons 69...

...from many transcripts of actual customer service sessions. In addition, customer questions for which a **database search** produces few or no relevant questions and **answers** may be automatically forwarded to a Q/A 1 5 editor so that it may...

10/3,K/24 (Item 13 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00885053 \*\*Image available\*\*  
EXPLOITING FAMILIAR MEDIA ATTRIBUTES AND VOCABULARY TO ACCES NETWORK

**RESOURCES**

**EXPLOITATION DU VOCABULAIRE ET D'ATTRIBUTS FAMILIERS DE LA PRESSE ECRITE  
POUR ACCEDER A DES RESSOURCES RESEAU**

**Patent Applicant/Assignee:**

DIGIMARC CORPORATION, 19801 S.W. 72nd Avenue, Suite 100, Tualatin, OR 97062, US, US (Residence), US (Nationality), (For all designated states except: US)

**Patent Applicant/Inventor:**

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HARMON Peter W G, 2509 NE Flanders, #307, Portland, OR 97232, US, US (Residence), US (Nationality), (Designated only for: US)

**Legal Representative:**

MEYER Joel R (agent), Digimarc Corporation, 19801 S.W. 72nd Avenue, Suite 100, Tualatin, OR 97062, US,

**Patent and Priority Information (Country, Number, Date):**

Patent: WO 200219170 A1 20020307 (WO 0219170)  
Application: WO 2001US26886 20010828 (PCT/WO US0126886)  
Priority Application: US 2000229835 20000830

**Designated States:**

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

**Publication Language:** English

**Filing Language:** English

**Fulltext Word Count:** 4214

**Fulltext Availability:**

**Detailed Description**

**Detailed Description**

... enables users with browsers or the user application to formulate database queries (e.g., SQL queries ) based on key word search terms, like names of advertisers, news items, etc. to fetch information from the database that match the query. In response , the database management system searches the database for descriptors in the database entries that match the key word search terms or their variants in the query, and displays a list...

**10/3,K/25 (Item 14 from file: 349)**  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00850625 \*\*Image available\*\*  
**LARGE GROUP INTERACTIONS VIA MASS COMMUNICATION NETWORK**  
**INTERACTIONS ENTRE MACROGROUPES**

**Patent Applicant/Assignee:**

NETONCOURSE INC, Parker Plaza, 17th Floor, 400 Kelby Street, Fort Lee, NJ 07024, US, US (Residence), US (Nationality), (For all designated states except: US)

**Patent Applicant/Inventor:**

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(Residence), IL (Nationality), (Designated only for: US)  
WEISENSTERN Amir Meir, 59 Myrtle Avenue, Edgewater, NJ 07020, US, US  
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Legal Representative:

FENSTER Paul (et al) (agent), Fenster & Company Patent Attorneys, LTD.,  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200184266 A2-A3 20011108 (WO 0184266)

Application: WO 2001IL391 20010501 (PCT/WO IL0100391)

Priority Application: US 2000200837 20000501; IL 141376 20010211

Parent Application/Grant:

Related by Continuation to: US 2000200837 20000501 (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 23275

Fulltext Availability:

Detailed Description

Detailed Description

... is available. Alternatively, a participant can revive a previously asked question, optionally with its existing **answers**, comments and/or ranks.

In one embodiment, the **database** is **searched** using a **search engine**, as known in the art, for example using **keywords**, for example each **question** and **answer** forming an individual WWW page. In some embodiments, the search is automatic.

In another embodiment...

10/3,K/26 (Item 15 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00848536 \*\*Image available\*\*  
**SYSTEM AND METHOD FOR SUPPORTING BUSINESSES**  
**SYSTÈME ET PROCÉDÉ DE SUPPORT COMMERCIAL**

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200182155 A1 20011101 (WO 0182155)

Application: WO 2001JP3396 20010420 (PCT/WO JP0103396)

Priority Application: JP 2000123067 20000424; JP 200119297 20010126

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 20505

Fulltext Availability:

Claims

Claim

... access to the server, the questionnaire page is presented to the client at S110 and **answers** from the client are obtained at S112. By analyzing the **answers**, the key request information may be obtained. Here, the **keywords** are selected by using the **question** items at S114 and the concepts are retrieved from the client's writings at S116. By analyzing the **answers**, a client's perspective may be obtained at S118. Moreover, the adaptive function candidate is...

...is

conducted about business functions corresponding to each of : the questions themselves that are **answered** by the clients among questions that are previously prepared for eliciting clients" needs (**answered** **questions** ; 1 in the drawing) ; **keywords** that are previously registered associating with these **answered** questions (H in the drawing) ; ...

10/3, K/27 (Item 16 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00846483 \*\*Image available\*\*

METHOD AND APPARATUS FOR SUMMARIZING PREVIOUS THREADS IN A COMMUNICATION-CENTER CHAT SESSION

METHODE ET DISPOSITIF PERMETTANT DE RESUMER DES THEMES ANTERIEURS LORS D'UNE DE CONVERSATION PAR UN CENTRE DE COMMUNICATION

Patent Applicant/Assignee:

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Inventor(s):

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Legal Representative:

BOYS Donald R (agent), P.O. Box 187, Aromas, CA 95004, US,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200180214 A1 20011025 (WO 0180214)  
Application: WO 2001US40267 20010307 (PCT/WO US0140267)  
Priority Application: US 2000551259 20000418

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13277

English Abstract

...involves customers of the center and a hosting agent. The system parses (115) all incoming **queries** (113) for **keywords** and then provides the keywords as a summary of the dialog. In one embodiment keywords may also be taken from **responses** to queries and associated in display with the **keywords** taken from the **queries** (121). In another embodiment, the **keywords** are **compared** to a data **repository** containing product-related words such that upon finding matches, the matched keywords are displayed alongside...

10/3,K/28 (Item 17 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00836144 \*\*Image available\*\*

**NETWORKED INTERACTIVE TOY SYSTEM**

**SYSTEME DE JOUETS INTERACTIFS EN RESEAU**

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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SANDLERMAN Nimrod, 44 Churgin Street, 52356 Ramat Gan, IL, IL (Residence)  
, IL (Nationality), (Designated only for: US)

WEISS Nathan, 7A Meltzer Street, 76285 Rehovot, IL, IL (Residence), IL  
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VECHT-LIFSCHITZ Susan Eve, c/o Sanford T. Colb & Co., P.O. Box 2273,  
76122 Rehovot, IL, IL (Residence), IL (Nationality), (Designated only  
for: US)

PFEFFER Zvika, 10 Bezalel Street, 64683 Tel Aviv, IL, IL (Residence), IL  
(Nationality), (Designated only for: US)

Legal Representative:

SANFORD T COLB & CO (agent), COLB, Sanford, T., P.O. Box 2273, 76122  
Rehovot (et al), IL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200169830 A2-A3 20010920 (WO 0169830)

Application: WO 2001IL248 20010314 (PCT/WO IL0100248)  
Priority Application: US 2000189914 20000316; US 2000189915 20000316; US  
2000189916 20000316; US 2000190874 20000321; US 2000191300 20000321; US  
2000192011 20000324; US 2000192012 20000324; US 2000192013 20000324; US  
2000192014 20000324; US 2000193697 20000331; US 2000193699 20000331; US  
2000193702 20000331; US 2000193703 20000331; US 2000193704 20000331; US  
2000195861 20000407; US 2000195862 20000407; US 2000195863 20000407; US  
2000195864 20000407; US 2000195865 20000407; US 2000195866 20000407; US  
2000196227 20000410; US 2000197573 20000417; US 2000197576 20000417; US  
2000197577 20000417; US 2000197578 20000417; US 2000197579 20000417; US  
2000200508 20000428; US 2000200513 20000428; US 2000200639 20000428; US  
2000200640 20000428; US 2000200641 20000428; US 2000200647 20000428; US  
2000203175 20000508; US 2000203177 20000508; US 2000203182 20000508; US  
2000203244 20000508; US 2000204201 20000515; US 2000204200 20000515; US  
2000207126 20000525; US 2000207128 20000525; US 2000208105 20000526; US  
2000208390 20000530; US 2000208391 20000530; US 2000208392 20000530; US  
2000209471 20000605; US 2000210443 20000608; US 2000210445 20000608; US  
2000212696 20000619; US 2000215360 20000630; US 2000216237 20000705; US  
2000216238 20000705; US 2000217357 20000712; US 2000219234 20000718; US  
2000220276 20000724; US 2000221933 20000731; US 2000223877 20000808; US  
2000227112 20000822; US 2000229371 20000830; US 2000229648 20000831; US  
2000231105 20000908; US 2000231103 20000908; US 2000234883 20000925; US  
2000234895 20000925; US 2000239329 20001010; US 2000253362 20001127; US  
2000250332 20001129; US 2000254699 20001211; US 2001267350 20010208

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 189040

Fulltext Availability:

Detailed Description

Detailed Description

... location;

Fig. 240 illustrates the use of an environment database combined with a sales

promotion **database** may design a sales promotion scenario;

Figs.24IAand24IBdemonstratethesellingofadifferentproducttodifferenttoys;

Fig 242 is a block diagram illustrating...

10/3,K/29 (Item 18 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00805428 \*\*Image available\*\*

METHOD AND SYSTEM FOR COLLECTING TOPICALLY RELATED RESOURCES

PROCEDE ET SYSTEME DE COLLECTE DE RESSOURCES PAR SUJET

Patent Applicant/Assignee:

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80301, US, US (Residence), US (Nationality)

Inventor(s):

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STARZL Ravi S, Suite 310, 1800 30th Street, Boulder, CO 80301, US,

Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,  
Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139008 A1 20010531 (WO 0139008)  
Application: WO 2000US31531 20001117 (PCT/WO US0031531)  
Priority Application: US 99166698 19991120

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY BZ CA CH CN CR CU  
CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ  
EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL  
IN IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 10800

Fulltext Availability:

Claims

Claim

... system having a searchable data structure, the searchable data  
structure providing users document information in **response** to user  
supplied queries, said discovery and collection system comprising:  
a query interface;  
a matrix generator for creating **query keyword** and/or **keyphrase**  
combinations; and  
an autoloader for loading the keyword and/or keyphrase combinations into  
a queriable...

10/3,K/30 (Item 19 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00764256 \*\*Image available\*\*

METHOD FOR DISPLAYING SEARCH RESULT DATA FROM INTERNET SEARCH ENGINES IN  
THREE DIMENSIONAL FORM

PROCEDE D'AFFICHAGE DE DONNEES DE RESULTATS DE RECHERCHE DES MOTEURS DE  
RECHERCHE INTERNET SOUS FORME TRIDIMENSIONNELLE

Patent Applicant/Assignee:

INSIDEU CO LTD, RM404 Owner Venture Town, 1661-4, Bongcheon 7-dong,  
Kwanak-ku, Seoul 151-057, KR, KR (Residence), KR (Nationality), (For  
all designated states except: US)

Patent Applicant/Inventor:

SIM Woo Seop, RM404 Owner Venture Town, 1661-4, Bongcheon 7-dong,  
Kwanak-ku, Seoul 151-057, KR, KR (Residence), KR (Nationality)

Legal Representative:

IM Jae Ryong, Room 502, NewSeoul Building, 828-8, Yeoksam-dong,  
Kangnam-ku, Seoul 135-080, KR

Patent and Priority Information (Country, Number, Date):

Patent: WO 200077681 A1 20001221 (WO 0077681)  
Application: WO 99KR489 19990827 (PCT/WO KR9900489)  
Priority Application: KR 9919004 19990526  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
CN JP US  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 3524

Fulltext Availability:  
Claims

Claim

... SERVER SEARCH THREADS FOR CONNECTING S5  
SEARCH ENGINES IN JAVA SERVLET PROGRAM  
Ilr  
TRANSMIT A **QUERY** OF THE **KEY WORDS** FROM  
JAVA SERVLET PROGRAM TO EACH SEARCH ENGINE S6  
I  
**RESPONSE** A PARSEL OF 20 DATA FROM  
EACH SEARCH ENGINE TO JAVA SERVLET PROGRAM S7  
Ilr...

10/3,K/31 (Item 20 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00743933 \*\*Image available\*\*

GRAMMAR TEMPLATE QUERY SYSTEM  
SYSTEME DE DEMANDE DE GABARIT GRAMMATICAL

Patent Applicant/Assignee:

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US (Residence), US (Nationality)

Inventor(s):

WARTHEN David, 1455 Washington Avenue, Albany, CA 94706, US

Legal Representative:

ALBERT Philip H, Townsend and Townsend and Crew LLP, Two Embarcadero  
Center, 8th floor, San Francisco, CA 94111, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200057302 A1 20000928 (WO 0057302)  
Application: WO 2000US4831 20000224 (PCT/WO US0004831)  
Priority Application: US 99272717 19990319

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4437

Fulltext Availability:

Claims

Claim

... is a Trademark of Ask Jeeves, Inc.

FIGs 4

SUBSTITUTE SHEET (RULE 26)

34

Question **Answer** Prc

Processing Engine Engii

150 Tokenizer Dictionary

**Answer** Pri

40

155 Parser

Snapshotof

M Semantic Net

160 Normalizer **Keywords**

42

165 Matcher

**Question - Answer**

Mapping Table

FiGn 5

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Semantic Net Question-,

Mappi

From-Node: Q

To-Node: Q

A

**Answer** L List

Q **Question** KSG **Keyword** Synonym Grour

GT Grammar Template

K Keyword

L

-----

-----

Me 7

Q: What disease could be...

10/3,K/32 (Item 21 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00742416 \*\*Image available\*\*

SYSTEM FOR AN ON-LINE TELECOMMUNICATIONS SEARCH ENGINE AND MARKETPLACE  
SYSTEME MOTEUR DE RECHERCHE CONCERNANT LES TELECOMMUNICATIONS EN LIGNE ET  
MARCHÉ

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200055787 A2 20000921 (WO 0055787)  
Application: WO 2000US6648 20000315 (PCT/WO US0006648)  
Priority Application: US 99267660 19990315

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 12367

Fulltext Availability:

Claims

Claim

... presenting to the at least one vendor a request for a proposal based  
on the **answered** questions.

2S

/ 1 2

Customer 1

110 100

C40

Q1

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--j %

**Database**

Internet 01. and **Search**

ton N)

Engine

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M

r@

M Customer N

N

,51i

Fig...

10/3,K/33 (Item 22 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00737980 \*\*Image available\*\*

COMPUTER SYSTEM AND METHODS FOR TRADING INFORMATION IN A NETWORKED ENVIRONMENT

SYSTEME ET PROCEDE INFORMATIQUES DESTINES AU COMMERCE DE L'INFORMATION DANS UN ENVIRONNEMENT RESEAU

Patent Applicant/Assignee:

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Inventor(s):

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200050967 A2-A3 20000831 (WO 0050967)

Application: WO 2000US4653 20000223 (PCT/WO US0004653)

Priority Application: US 99256631 19990223

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU CA CN IL JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 12758

Fulltext Availability:

Detailed Description

Detailed Description

... taken

into account in the rating process. See 1403. As shown at 1404, if previous **answers** and questions of a user are frequently chosen, the rating is also improved.

Fig. 15 illustrates **searching** of the **database** of questions and **answers**. Users may perform such a searching for a fee. As shown at 1501, a new question is **searched** against the **database** records using **search** technology known in the art. It should be noted that there is a concrete incentive for people to enter **keywords** and metadata in connection with **questions** and **answers**, because they are rewarded when a stored **answer** or question is located and chosen. When the **answer** to a question having a low point value is found in the database in connection...

10/3,K/34 (Item 23 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

00571523 \*\*Image available\*\*

SYSTEMS AND METHODS FOR ORGANIZING DATA

SYSTEMES ET PROCEDES D'ORGANISATION DE DONNEES

Patent Applicant/Assignee:

TECHNOLOGY ENABLING COMPANY LLC,

Inventor(s):

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HADZIMA Joseph G Jr,

MORKEL Andre,  
HARRISS Thomas D,  
CHIU Lan Kimberly,  
LEUNG Carol,  
SPRAGUE Jason,  
ZHANG Bin,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200034896 A1 20000615 (WO 0034896)  
Application: WO 99US28657 19991206 (PCT/WO US9928657)  
Priority Application: US 98111111 19981204; US 98111112 19981204

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU  
TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG  
CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 8284

Fulltext Availability:

Detailed Description

Detailed Description

... a keyword grid 40 that can be generated by the data retrieval element 18 in response to a user query, 42. As depicted in Fig. 2 the user query 42 can be a compound user query that includes a polarity of keywords combined together to form a string. The meaning of the string can relate to a...

10/3,K/35 (Item 24 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00332990 \*\*Image available\*\*

OBJECT ORIENTED DATABASE MANAGEMENT SYSTEM  
SYSTEME DE GESTION DE BASE DE DONNEES ORIENTE OBJET

Patent Applicant/Assignee:

CADIS INC,  
KAVANAGH Thomas S,  
BEALL Christopher W,  
HEINZ William C,  
MOTYCKA John D,  
PENDLETON Samuel S,  
SMALLWOOD Thomas D,  
TERPENING Brooke E,  
TRAUT Kenneth A,

Inventor(s):

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MOTYCKA John D,  
PENDLETON Samuel S,  
SMALLWOOD Thomas D,  
TERPENING Brooke E,  
TRAUT Kenneth A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9615501 A1 19960523

Application: WO 95US15028 19951113 (PCT/WO US9515028)  
Priority Application: US 94339481 19941110; US 95527161 19950912  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB HU JP KP KR KZ LK LU LV MG  
MN MW NO NZ PL PT RO RU SD SE SK UA UZ VN AT BE CH DE DK ES FR GB GR IE  
IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG  
Publication Language: English  
Fulltext Word Count: 77639

Fulltext Availability:  
Detailed Description

Detailed Description

... key-word approaches have been severely limited in their effectiveness. In a database that supports **key - word searches**, a **question** is posed in terms of **key words** and **answers** are returned, but it is never known if all possible **answers** are returned. In a parts management system, it is critical to find all items and...

Set	Items	Description
S1	1	AU=(THYAGARAJAN V? OR THYAGARAJAN, V?)
S2	1445964	REPOSITORY? OR DATABASE OR (DATA OR CENTRAL) ()FILE OR DATA- ()BASE? OR DB OR STORAGE?
S3	5587598	RETRIEV? OR SEARCH? OR QUER? OR FIND? OR MATCH? OR COMPAR?
S4	2000772	FAQ? ? OR QUESTION? OR QUERY OR QUERIES OR INQUIR? OR ENQU- IR?
S5	1852391	ANSWER? OR RESPONSE? ?
S6	134688	KEYWORD? OR KEYPHRASE? OR KEYCLAUSE? OR KEY() (WORD? OR PHR- ASE? OR CLAUSE? OR TERM?)
S7	93909	S2(5N)S3
S8	1569	S4(5N)S6
S9	97	S7(25N)S8
S10	13	S9(20N)S5
S11	4038	S7(S)S5
S12	343	S8(S)S5
S13	14	S11(S)S8
S14	14	S12(S)S7
S15	102	S7(S)S8
S16	7	S15(S) (CONVOLUTION? OR VECTOR? OR ALGORITHM?)
S17	116	S9 OR S10 OR S13 OR S14 OR S15 OR S16
S18	94	S17 NOT PY>2001
S19	80	S18 NOT PD=20010510:20050105
S20	69	RD (unique items)
File	88:Gale Group Business A.R.T.S.	1976-2005/Jan 03 (c) 2005 The Gale Group
File	369:New Scientist	1994-2005/Dec W4 (c) 2005 Reed Business Information Ltd.
File	160:Gale Group PROMT(R)	1972-1989 (c) 1999 The Gale Group
File	635:Business Dateline(R)	1985-2005/Jan 05 (c) 2005 ProQuest Info&Learning
File	15:ABI/Inform(R)	1971-2005/Jan 05 (c) 2005 ProQuest Info&Learning
File	16:Gale Group PROMT(R)	1990-2005/Jan 05 (c) 2005 The Gale Group
File	9:Business & Industry(R)	Jul/1994-2005/Jan 04 (c) 2005 The Gale Group
File	13:BAMP	2005/Dec W4 (c) 2005 The Gale Group

**20/3,K/1 (Item 1 from file: 88)**  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
(c) 2005 The Gale Group. All rts. reserv.

05609112 SUPPLIER NUMBER: 67373672  
**Data Integration Using Similarity Joins and a Word-Based Information Representation Language.**

COHEN, WILLIAM W.  
ACM Transactions on Information Systems, 18, 3, 288  
July, 2000

ISSN: 1046-8188 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 16056 LINE COUNT: 01367

... a forms interface for constructing complex questions, the bird domain interface also supports browsing the database , and a "quick search" feature, in which a simple keyword query can be used to search relevant portions of the database . Browsing and "quick search " are implemented by translating browsing commands and simple key - word searches into appropriate WHIRL queries .

We made both domains available on the Web, and recorded each query issued to the...

**20/3,K/2 (Item 2 from file: 88)**  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
(c) 2005 The Gale Group. All rts. reserv.

05546558. SUPPLIER NUMBER: 64263146  
**Assessment of Physical Activity by Self-Report: Status, Limitations, and Future Directions.**

Sallis, James F.; Saelens, Brian E.  
Research Quarterly for Exercise and Sport, 71, 2, 1  
June, 2000

ISSN: 0270-1367 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 5641 LINE COUNT: 00487

... physical activity measurement, and (c) articles from 1990 to 1999 obtained from Medline and PsychINFO database searches . Specific references used to compute each reliability and criterion validity mean are available from the first author. Database searches were conducted by entering as a keyword the name of each questionnaire and also by the keyword search of "physical activity" and "self-report" or "interview".

Results

Measures for Youth

Seventeen instruments...

**20/3,K/3 (Item 3 from file: 88)**  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
(c) 2005 The Gale Group. All rts. reserv.

05540112 SUPPLIER NUMBER: 65575483  
**Competitive Intelligence: A Librarian's Empirical Approach. (Technology Information) (Tutorial)**

Gross, Margaret

Searcher, 8, 8, 70

Sept, 2000

DOCUMENT TYPE: Tutorial ISSN: 1070-4795 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 4604 LINE COUNT: 00413

... to the respective header.

An intranet Web page that requires little maintenance simply presents a **search** interface to the **database** that houses the collected data. This page will have a window for **query** data along with some suggested **keywords** and search tips.

The most comprehensive treatment of competitive intelligence and market research will combine...

**20/3,K/4 (Item 4 from file: 88)**

DIALOG(R) File 88:Gale Group Business A.R.T.S.  
(c) 2005 The Gale Group. All rts. reserv.

05470238 SUPPLIER NUMBER: 63132780

**Seeking Smarter Searches. (Company Business and Marketing)**

Foust, Jeff

Technology Review (Cambridge, Mass.), 103, 3, 26

May, 2000

ISSN: 1099-274X LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 595 LINE COUNT: 00049

... from the U.S. Census to the Internet Movie Database. When a user asks a **question**, Fact City uses **keywords** from the **query** to find the right **database**, then the right **answer**. The scheme relies on a large vocabulary of pre-selected keywords: over 500 alone for...

**20/3,K/5 (Item 5 from file: 88)**

DIALOG(R) File 88:Gale Group Business A.R.T.S.  
(c) 2005 The Gale Group. All rts. reserv.

05291550 SUPPLIER NUMBER: 58224701

**GLOSS: Text-Source Discovery over the Internet.**

GRAVANO, LUIS; GARCIA-MOLINA, HECTOR; TOMASIC, ANTHONY

ACM Transactions on Database Systems, 24, 2, 229

June, 1999

ISSN: 0362-5915 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 15971 LINE COUNT: 01307

... two such database ranks based on different underlying keyword distribution assumptions. Max(1) assumes that **query** **keywords** occur together in the **database** documents, while Sum(1) is at the other end of the spectrum, and assumes that **query** **keywords** do not occur together in the database documents.

2.3.1 High-Correlation Scenario. To...sub.i1)/(f.sub.i1) = 0.45.

In general, the Max(1) estimate for a **database** and a **query** is always greater than or equal to the corresponding Sum(1) estimate. (Sum(1) makes "pessimistic" assumptions on the distribution of **query** **keywords** across the **database** documents.) However, in the special case when the threshold 1 is zero, the Max(0...

**20/3,K/6 (Item 6 from file: 88)**

DIALOG(R) File 88:Gale Group Business A.R.T.S.  
(c) 2005 The Gale Group. All rts. reserv.

04606350 SUPPLIER NUMBER: 20089204

**What the White House tapes really show. (White House Communications Agency and tapes of White House coffees with supporters) (includes related**

article on President's knowledge of goings-on within White House)  
Cottle, Michael  
Washington Monthly, v29, n12, p10(6)  
Dec, 1997  
ISSN: 0043-0633 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3377 LINE COUNT: 00267

... White House Military Office, so WHCA officials didn't know the White House wanted the database searched specifically for coffee footage, and certainly nobody at WMCA had thought to query the database using the keyword "coffee."

The question of whether this apparent display of stunning incompetence was in fact intentional will likely be...

20/3,K/7 (Item 7 from file: 88)  
DIALOG(R) File 88:Gale Group Business A.R.T.S.  
(c) 2005 The Gale Group. All rts. reserv.

04215486 SUPPLIER NUMBER: 19238405  
*Cyberspace 2000: dealing with information overload. (The Next 50 Years: Our Hopes, Our Visions, Our Plans)*  
Berghel, Hal  
Communications of the ACM, v40, n2, p19(6)  
Feb, 1997  
ISSN: 0001-0782 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3141 LINE COUNT: 00262

... species of search engine typically consists of an HTML, form-based interface for submitting a query , an indexed database with an internal string matching routine, and some form of network indexer (which subsumes such entities as spiders, wanderers, crawlers...

...of servers visited, the nature of the document extraction routines, and the robustness of the keyword -based, Boolean query interface varies by developer, all current search engines seem to target about the same level

...

20/3,K/8 (Item 8 from file: 88)  
DIALOG(R) File 88:Gale Group Business A.R.T.S.  
(c) 2005 The Gale Group. All rts. reserv.

04202669 SUPPLIER NUMBER: 19179135  
*Comparison of self-reporting of deficiencies in airway management with video analyses of actual performance.*  
Mackenzie, Colin F.; Jefferies, Nicholas J.; Hunter, William A.; Bernhard, William N.; Xiao, Yan; Horst, Richard  
Human Factors, v38, n4, p623(13)  
Dec, 1996  
ISSN: 0018-7208 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 6651 LINE COUNT: 00560

... possible after the end of the case. Information on those forms was entered into a database , which could be sorted and searched by questionnaire item, care provider, or key word . For the present analyses, the PTQ data from the 48 cases being examined were retrieved...

20/3,K/9 (Item 9 from file: 88)

DIALOG(R)File 88:Gale Group Business A.R.T.S.  
(c) 2005 The Gale Group. All rts. reserv.

03632947 SUPPLIER NUMBER: 16990707  
**Minlog. (mineral collection cataloguing software)**  
Leavens, Peter B.  
The Mineralogical Record, v26, n3, p234(2)  
May-June, 1995  
ISSN: 0026-4628 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1905 LINE COUNT: 00143

... whether based on locality, history, occurrence, habit, acquisition, etc.); and the specimens can be selectively retrieved from the database using reports which query specifically for the user-defined keywords . This provides some flexibility, which Joe Nagel's Museum Database System is designed to address...

**20/3,K/10 (Item 10 from file: 88)**  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
(c) 2005 The Gale Group. All rts. reserv.

03492519 SUPPLIER NUMBER: 16135209  
**An Internet primer for music librarians: tools, sources, current awareness.**  
Troutman, Leslie  
Notes, v51, n1, p22(20)  
Sept, 1994  
ISSN: 0027-4380 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 9334 LINE COUNT: 00799

... indexes. Databases may be text, data, graphics, or sound--since the WAIS client performs a keyword query of the associated index, database content is irrelevant. As with other client/server applications, WAIS clients have been developed for...

**20/3,K/11 (Item 11 from file: 88)**  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
(c) 2005 The Gale Group. All rts. reserv.

03229303 SUPPLIER NUMBER: 14982927  
**Research Paper Writer. (text processing software) (Software Review)**  
**(Evaluation)**  
Kear, Dennis J.  
Childhood Education, v70, n2, p118(2)  
Winter, 1993  
DOCUMENT TYPE: Evaluation ISSN: 0009-4056 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 632 LINE COUNT: 00053

... tutorial also takes the student on a library tour, provides guidance in developing a research question and in creating and using " key words " to search the electronic database for information. An electronic notecard tool allows students to type notes in any one of...

**20/3,K/12 (Item 12 from file: 88)**  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
(c) 2005 The Gale Group. All rts. reserv.

02667431 SUPPLIER NUMBER: 11470228  
Extensions to Starburst: objects, types, functions, and rules. (IBM  
Research's Starburst relational database management system; one of six  
articles on next-generation database management systems)  
Lohman, Guy M.; Lindsay, Bruce; Pirahesh, Hamid; Schiefer, K. Bernhard  
Communications of the ACM, v34, n10, p94(16)  
Oct, 1991  
ISSN: 0001-0782 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 9800 LINE COUNT: 00988

... this rule's condition clause is triggered. The rule's condition  
clause, preceded by the keyword IF, is any SQL query on the current  
database state and the transition tables, described below. If this query  
is non-empty, the condition...

20/3,K/13 (Item 13 from file: 88)  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
(c) 2005 The Gale Group. All rts. reserv.

02646614 SUPPLIER NUMBER: 10718203  
LaSIE: a knowledge-based software information system. (International  
Conference on Software Engineering special report; one of five articles  
on technical material presented at ICSE-12; Large Software System  
Information Environment) (technical)  
Devanbu, Premkumar T.; Brachman, Ronald J.; Selfridge, Peter G.; Ballard,  
Bruce W.  
Communications of the ACM, v34, n5, p34(16)  
May, 1991  
DOCUMENT TYPE: technical ISSN: 0001-0782 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 10253 LINE COUNT: 01023

... various ways, and retrieves a matching set. Depending on the choice  
of keywords used in storage and retrieval, keyword systems may provide  
adequate performance. However, the semantics of the keywords used in  
retrieval is unavailable to either the storage or retrieval  
algorithms of such a system. Because of this, they can neither organize  
the components in a...

...browsing, nor can they in any way infer the "meaning" of the special set  
of keywords used in the query. In Definity 75/85, for example, we found  
that the words "connect," "cut-through," and...

20/3,K/14 (Item 1 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

0854130 98-14488  
New search engine seeks share of crowded market  
Gilster, G D  
News & Observer-Raleigh NC (Raleigh, NC, US) pD.2  
PUBL DATE: 970930  
WORD COUNT: 596  
DATELINE: Raleigh, NC, US, South Atlantic

TEXT:

...a surprisingly high return rate for relevant information, depending on how well you structure your **keyword query**.

But that's not what sets Northern Light apart from the rest. The unique thing about this site is that it's both a **search engine** and a **database** in its own right.

Northern Light includes a special collection that houses content drawn from...

**20/3,K/15 (Item 2 from file: 635)**  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

0813902 97-74173  
**New software brings us intimacy on the desktop**  
Madden, Lisa  
New Hampshire Business Review (Manchester, NH, US), V19 N11 p25  
PUBL DATE: 970523  
WORD COUNT: 1,304  
DATELINE: Manchester, NH, US, New England

TEXT:

...type in the problem and hit go. In 90 seconds, you will either have an **answer** to the problem, or the solving of it is already in the works."

The problem-resolution **database** acts like your standard **search** engine by deciphering the **question** using **key words**, looking for the best match, then ranking the **responses** by the best fit. If you can't find help there, then ServiceDesk will route...

**20/3,K/16 (Item 3 from file: 635)**  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

0112870 89-36814  
**Longhair CEO's Software a Data Researcher's Dream**  
Prizinsky, David  
Crains Cleveland Business (Cleveland, OH, US), V10 N43 s1 p2  
PUBL DATE: 891023  
WORD COUNT: 601  
DATELINE: Cleveland, OH, US

TEXT:

...information retrieval and correlation software called Metamorph. Metamorph has the ability to accept natural language **questions** instead of "key words" in **searching** out an unindexed computer **database** for information. The software can take a question and find all logical **answers** or connected concepts from the database.

Mr. Pincus says the company's customer list is...

**20/3,K/17 (Item 1 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02367337 117540639

**ALIBI: a novel approach to resource discovery**

Flater, David; Yesha, Yelena

Internet Research v5n4 PP: 17-30 1995

ISSN: 1066-2243 JRNL CODE: NTRS

WORD COUNT: 7860

...TEXT: user must select a group of servers against which to execute searches, then submit a **keywords** query to perform the search. Modern text retrieval **algorithms** are used to estimate the relevance of documents to a query, and the user is given a list of relevant documents that may be **retrieved**.

Since searching every WAIS database is not practical, the user must determine in advance which servers should be included in...

**20/3,K/18 (Item 2 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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02242985 84987287

**Read all about it - risk trends in the media: a research note**

Clive Smallman

Disaster Prevention & Management v6n3 PP: 160-164 1997

ISSN: 0965-3562 JRNL CODE: DPMG

WORD COUNT: 1981

...TEXT: a menu-driven approach to interrogating the database requiring no programming skills of the user. Searching the database is a matter of compiling queries based on selecting categories (including limiting the search between dates) or entering **keywords**. Query management is handled by the front-end software.

Other than major electronic sources, RBB's...

**20/3,K/19 (Item 3 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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02187118 74444756

**Measuring quality, cost, and value of IT services**

Peebles, Christopher S; Stewart, Craig A; Voss, Brian D; Workman, Sue B

Quality Congress. Asq's ... Annual Quality Congress Proceedings PP: 468-493 2001

JRNL CODE: QUOC

WORD COUNT: 14971

...TEXT: year. The KB is a collection of problems and their associated solutions, stored in a database, and retrieved upon demand by anyone who can identify a problem (even a symptom of a problem...).

... essentially, an IT expert system. The Web-based interface allows the user to enter a question ( keywords , and even natural language questions ), and then it searches an information database for possible answers to the question. Those answers are offered to the users, who can then resolve their own problems.

The KB is...

20/3,K/20 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02187029 73218143  
**Practical magic: Four go mad on software**  
Phillips, Tim  
Director v54n10 PP: 83-89 May 2001  
ISSN: 0012-3242 JRNL CODE: DRT  
WORD COUNT: 2993

...TEXT: whether they want to pre-order it as well."

Lingubots like Eve or von Wendt **answer** such **questions** by matching the **key words** and meanings from your **queries** to a **database** of replies created by their owners. The more people that talk to a Lingubot, the...

20/3,K/21 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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02186485 74659403  
**Enhancing data warehouse performance through query caching**  
Saharia, Aditya N; Babad, Yair M  
Database for Advances in Information Systems v31n3 PP: 43-63 Summer 2000  
ISSN: 1532-0936 JRNL CODE: DFA  
WORD COUNT: 6289

...TEXT: evaluate an arriving query.

ACM Categories: H.2.4, H.2.7, H.4.2

**Keywords** : **database management, query processing, data warehouse and repository** , information systems applications, decision support, design, management, performance, adaptive query cache, intelligent databases, query subsumption...

20/3,K/22 (Item 6 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02074039 59934631  
**Graph expo/converting expo '00**  
Anonymous  
Packageprinting v47n9 PP: 66-74 Sep 2000  
JRNL CODE: PPD  
WORD COUNT: 917

...TEXT: Business

New and enhanced e-Services

- The Attendee Assistant on GASC's Web site provides **keyword** searches, and **answers** **questions**.

E-kiosks at the show will display show news and offer a **searchable exhibitor/product database**.

A free e-Mail Center will be available.

20/3,K/23 (Item 7 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02070624 61167480  
**Protein annotators' assistant: A novel application of information retrieval techniques**  
Wise, Michael J  
Journal of the American Society for Information Science v51n12 PP:  
1131-1136 Oct 2000  
ISSN: 0002-8231 JRNL CODE: ASI

...ABSTRACT: a prior sequence similarity search that returns a list of known proteins similar to a **query**, PAA suggests **keywords** and phrases which may describe functions performed by the **query**. In a preprocessing step, a **database** is built from the protein names that appear in the SwissProt database, and against each...

20/3,K/24 (Item 8 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02034817 55388846  
**HP adds Linux mgmt. to its OpenView mix**  
Songini, Marc  
Network World v17n25 PP: 8, 112 Jun 19, 2000  
ISSN: 0887-7661 JRNL CODE: NWW  
WORD COUNT: 702

...TEXT: will offer a new search engine on its site to let users conduct advanced troubleshooting **queries** in the HP online **database**.

Net management growth

This **search** engine will have much greater capacity than before. For instance, a user can input the...

... general manager of services and support for HP OpenView. Previously, users were limited to simple **keyword queries**. Also on the way is a portal where OpenView users can share data about products...

20/3,K/25 (Item 9 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02034750 55274055  
**Facts On File goes 'click and mortar'**  
O Leary, Mick  
Information Today v17n6 PP: 21-23 Jun 2000  
ISSN: 8755-6286 JRNL CODE: IFT  
WORD COUNT: 1403

...TEXT: filled by Reuters, which provides breaking headline stories that are updated throughout the day.

The **database** can be browsed or **searched**, though each approach has shortcomings. Browsing is done with a hierarchical, threetier subject classification that...

... together in one classification. There are basic and advanced search levels, both of which allow **keyword queries**, Boolean operators, wild-card characters, right- and left-end truncation, and date limiting. The advanced...

**20/3,K/26 (Item 10 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01762475 04-13466  
**How to find what you want on the Web**  
Roufa, Mike  
Nonprofit World v17n1 PP: 12-14 Jan/Feb 1999  
ISSN: 8755-7614 JRNL CODE: NWR  
WORD COUNT: 2287

...TEXT: Government to U.S. Government to State Governments to New York

Yahoo! also lets you **query** its **database** for **keywords** or plain text, similar to an active search engine.

In an effort to compete with...

**20/3,K/27 (Item 11 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01759698 04-10689  
**How to organize digital archives**  
Low, Lafe  
Folio: The Magazine for Magazine Management v27n18 (Special Sourcebook Issue for 1999 Supplement) PP: 235-236 1999  
ISSN: 0046-4333 JRNL CODE: FOL  
WORD COUNT: 1568

...TEXT: audio and video files. Production users can search for archived images or page files using **keyword** or natural language **database queries**, so archive **searches** can be as broad or specific as needed. Digitalasset management systems also provide thumbnail views...

**20/3,K/28 (Item 12 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01731493 03-82483  
**Checkpoint for tax information**  
Haas, Leslie  
Database v21n6 PP: 37-40 Dec 1998  
ISSN: 0162-4105 JRNL CODE: DTB  
WORD COUNT: 1948

...TEXT: page are for single users. For multiuser pricing, contact an RIA Group Sales Representative.

#### TAX SEARCHING

The **database**'s main menu highlights the **search** options available to the user-Table of Contents, Citation Search, Quick Search, State Search Wizard

...

... search is through the General Search Option. Similar to using other full-text databases, enter **keywords** or phrases and General Search **queries** as many modules of the **database** as needed.

While the first box on the General Search Template is where you type...

20/3,K/29 (Item 13 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01721866 03-72856  
**Recovering and learning from service failure**  
Tax, Stephen S; Brown, Stephen W  
Sloan Management Review v40n1 PP: 75-88 Fall 1998  
ISSN: 0019-848X JRNL CODE: SMZ  
WORD COUNT: 8527

...TEXT: firms are now using Internet websites to facilitate service recovery. Cisco Systems has created a **database** that provides a **key word** search of **questions** and **answers** provided to other customers. As new problems arise, they are added to the database. For...

20/3,K/30 (Item 14 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01601995 02-52984  
**Searching for facts in all the wrong places**  
Raymond, Darrell  
Machine Design v70n5 PP: 51-55 Mar 24, 1998  
ISSN: 0024-9114 JRNL CODE: MDS  
WORD COUNT: 1962

...TEXT: that decide when a query description matches a document descriptor; and the speed with which **matching** and updating of the **database** can take place.

#### KEYWORD SEARCHING

In keyword searching, a set of keywords describe documents, and the user enters a **query** that consists of **keywords**. The search engine records a match if a document descriptor contains these words.

Keyword systems...

20/3,K/31 (Item 15 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)

(c) 2005 ProQuest Info&Learning. All rts. reserv.

01588750 02-39739

**Britannica CD 98** is enhanced with new interface and advanced search features

Anonymous

Information Today v15n2 PP: 25-26 Feb 1998

ISSN: 8755-6286 JRNL CODE: IFT

WORD COUNT: 733

...TEXT: to Britannica CD 98:

Ask Britannica: An intuitive, natural language search feature allows individuals to **search** Britannica's 44-million-word **database** by typing in specific **questions** or **keywords**.

Discover Britannica: Patrons and students can browse through Britannica's A to Z index. Filters...

20/3,K/32 (Item 16 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01573149 02-24138

**Netting business information**

Guttentag, Roger M

World Wastes v41n1 PP: 36-41 Jan 1998

ISSN: 0745-6921 JRNL CODE: WWA

WORD COUNT: 1366

...TEXT: be found on the Web and Internet newsgroups. This information then is stored in the **search** engine's **database** where it can be accessed through a **keyword query**.

Again, the more specific your questions, the easier it will be to convert them into **keyword** search terms. For example, the **question** "What are the best methods for composting food waste?" can yield composting, food, waste and...

20/3,K/33 (Item 17 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2005 ProQuest Info&Learning. All rts. reserv.

01520717 01-71705

**Lost on the Web: Search tools ease query pain**

Gittlen, Sandra

Network World v14n42 PP: 10, 96 Oct 20, 1997

ISSN: 0887-7661 JRNL CODE: NWW

WORD COUNT: 795

ABSTRACT: A new crop of search tools from some startups are **answering** Web surfers' demand for quick answers to **questions** and **keyword** searches. FileZ Corp. has developed a **searchable database** of File Transfer Protocol software - downloadable shareware, freeware, and retail. The company recently unveiled WebsiteZ, a **searchable database** of domain names, both active and inactive, and their owners. Startup Ask Jeeves Inc. allows users to input a natural-language query and receive a list of sites where the **answer** can be found. Another type of emerging search tool, the

metasearch engine, such as www...

20/3,K/34 (Item 18 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01467695 01-18683  
**Asset management builds equity and revenues**  
Low, Lafe  
Folio: The Magazine for Magazine Management v26n9 PP: 48-50 Jul 1, 1997  
ISSN: 0046-4333 JRNL CODE: FOL  
WORD COUNT: 1645

...TEXT: audio and video files. Production users can search for archived images or page files using **keyword** or natural language **database queries**, so archive **searches** can be as broad or specific as needed. Digital-asset management systems also provide thumbnail...

20/3,K/35 (Item 19 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01181494 98-30889  
**Searching text**  
Bentley, Jon  
UNIX Review v14n4 PP: 83-90 Apr 1996  
ISSN: 0742-3136 JRNL CODE: UXR  
WORD COUNT: 2060

...ABSTRACT: each page, 2. provide a powerful and easy-to-use query language, and 3. quickly **search** a **database** for all pages that contain **keywords** matching a **query**. A method to organize a **database** of text so one can quickly locate all entries containing a given search string is  
...

...TEXT: task are often called crawlers, robots, or spiders.)

\* provide a powerful and easy-to-use **query** language

\* quickly **search** a **database** for all pages that contain **keywords** matching a **query**

This column will concentrate on the third requirement: How to organize a database of text...

20/3,K/36 (Item 20 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01167246 98-16641  
**New Product Data Base new SECURITY service**  
Anonymous  
Security v33n3 PP: 11 Mar 1996  
ISSN: 0890-8826 JRNL CODE: SRT

...ABSTRACT: The service lets users easily access information on new security products and services. Using simple **keyword queries**, the New Product Data Base can display specific product descriptions as well as

information on the sources of the products.

20/3,K/37 (Item 21 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01160558 98-09953  
**Robot-generated databases on the World Wide Web**  
Kimmel, Stacey  
Database v19n1 PP: 40-49 Feb/Mar 1996  
ISSN: 0162-4105 JRNL CODE: DTB  
WORD COUNT: 4074

...TEXT: and the robot identifies hypertext links on the page that point to unknown (unvisited) documents. **Algorithms** are used to determine which of these new links to follow. An **algorithm** might direct a robot to find representative documents from as many servers as possible (breadth...

... generated databases use as many as five to ten robots to build and update a **database**.

After documents are **retrieved**, relevant information is extracted and indexed in a database. The structure of HTML documents is...

... relevance than a document with a search word in the body text. The robot-based **database** is made available to **searchers**, who can submit **queries** by entering **keywords** and other criteria on a WWW-based search form.

#### DATABASES GENERATED BY WEB ROBOTS

Databases...

20/3,K/38 (Item 22 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01125917 97-75311  
**Interoperability**  
Irvin, Steve  
InfoWorld v17n46 PP: 130-132 Nov 13, 1995  
ISSN: 0199-6649 JRNL CODE: IFW  
WORD COUNT: 1295

...TEXT: first or last name of someone in an organization, you can use this feature to **search** the global **database** for the missing information, including the person's correct E-mail address. This means that if you send the information you do know to the QBM address in **query** form with appropriate **keywords**, chances are you'll receive a reply with the information you need. For example, by...

20/3,K/39 (Item 23 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01125914 97-75308  
**E-mail interoperability software: A gold-plated solution**

Irvin, Steve  
InfoWorld v17n46 PP: 118-119 Nov 13, 1995  
ISSN: 0199-6649 JRNL CODE: IFW  
WORD COUNT: 7444

...TEXT: first or last name of someone in an organization, you can use this feature to **search** the global **database** for the missing information, including the person's correct E-mail address. This means that if you send the information you do know to the QBM address in **query** form with appropriate **keywords**, chances are you'll receive a reply with the information you need. For example, by...

**20/3,K/40 (Item 24 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01110548 97-59942  
**Effective prospect presentations: Your competitive edge**  
McCain, Michael B  
Economic Development Review v13n3 PP: 83-88 Summer 1995  
ISSN: 0742-3713 JRNL CODE: EDR  
WORD COUNT: 5122

...TEXT: Bradstreet, Dow Jones News Retrieval, Dialog and Nexis. Alternatively, a service bureau could conduct a **data base search**. For instance, they can perform a **key - word query** of a company's name in trade magazines, provide synopses of articles written about them...

**20/3,K/41 (Item 25 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01061894 97-11288  
**Excalibur boosts imaging products, divides indirect sales efforts**  
Terdoslavich, William  
Computer Reseller News n637 PP: 62 Jul 3, 1995  
ISSN: 0893-8377 JRNL CODE: CRN  
WORD COUNT: 235

...TEXT: adaptive pattern-recognition processing, a technique that looks for the best possible match to a **query** when scanning a **database**. Basically, **keyword** errors do not block the "fuzzy search" capability of the application, said Mike Kennedy, president...

**20/3,K/42 (Item 26 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00937426 95-86818  
**IMR's alchemy**  
Carlton, Tom  
CD-ROM Professional v7n6 PP: 97-104 Nov/Dec 1994  
ISSN: 1049-0833 JRNL CODE: LDP  
WORD COUNT: 3407

...TEXT: fast as it gets.

Search menu provides four mechanisms for locating information: Table of Contents, **Query**, **Keywords**, and Index. Through the Table of Contents option, a tree-and-branch structure is a click away. When using **Query**, **Keywords**, or **Index**, a Search Result window appears that lists all documents containing the search argument...

... can append the next database with the first session, resulting in a series of contiguous **database** sessions.

The **Query** option permits Boolean search strategies. A query of "Kenya" and "Trypanosomiasis" resulted in 47 documents...

**20/3,K/43 (Item 27 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00796006 94-45398  
**Los Alamos laboratories get grip on research data**  
LaPlante, Alice  
InfoWorld v15n49 PP: 76 Dec 6, 1993  
ISSN: 0199-6649 JRNL CODE: IFW  
WORD COUNT: 810

...TEXT: article or older scientific literature. It makes sense to convert this into an on-line **database** so we can do **queries** and electronic searches for **keywords**, but doing so was difficult."

Because it was so time-consuming and inefficient to manually...

**20/3,K/44 (Item 28 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00773555 94-22947  
**Information for decision making**  
Corbitt, Terry  
Credit Control v14n9 PP: 20-25 1993  
ISSN: 0143-5329 JRNL CODE: CRT  
WORD COUNT: 1693

...TEXT: which can be accessed through the national and international telephone networks, regardless of the central **database**'s location around the world.

#### **SEARCHING**

Databases are searched using keywords such as title, author, subject and the date of publication. Using **keywords**, Credit Managers state their **enquiries** in the form of a logical sequence of search terms, which make up what is...

**20/3,K/45 (Item 29 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00658367 93-07588  
**The Next Generation of Public Access Information Retrieval Systems for**

**Research Libraries: Lessons from Ten Years of the MELVYL System**  
Lynch, Clifford A.  
Information Technology & Libraries v11n4 PP: 405-415 Dec 1992  
ISSN: 0730-9295 JRNL CODE: JLA  
WORD COUNT: 7851

...TEXT: comprehensible fashion.

Performance issues, combined with the growing problem of users confronted with very large **retrieval** results as the **database** grew, led to increased precision in **query** processing. **Keyword** searching in titles and subjects was supplemented with exact searching (left anchored truncation). In the...

**20/3,K/46 (Item 30 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00547136 91-21481  
**Lexitran-Mediated Access to Patent Databases**  
Kaltenbach, M.; Turner, W. A.; Laville, F.  
Journal of Information Science Principles & Practice v17n1 PP: 13-20  
1991  
ISSN: 0165-5515 JRNL CODE: JIC

...ABSTRACT: assists users, having no specialized training in information retrieval, in identifying relevant classification categories and **keywords** they can use in Boolean **queries** on a target patent **database**. Applied to any subclass of the patent classification, the system builds a browsing environment that...

**20/3,K/47 (Item 31 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00499661 90-25418  
**Data at Your Fingertips**  
Corbitt, Terry  
Accountancy v105n1160 PP: 140, 142 Apr 1990  
ISSN: 0001-4664 JRNL CODE: ACE

...ABSTRACT: most of which are bibliographical and contain references to published works, often with abstracts. The **database** is **searched** using such **keywords** as title, author, the language in which the document was written, and the date of publication. Using these **keywords**, searchers state their **inquiries** in the form of a logical sequence of search terms that make up what is...

**20/3,K/48 (Item 1 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

08429466 Supplier Number: 71722592 (USE FORMAT 7 FOR FULLTEXT)  
**PlanetWare's Online Travel Encyclopedia.**  
Quinby, Douglas  
Leisure Travel News, v17, n9, p13  
March 5, 2001

Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 298

... interactive maps and portal pages that offer extensive links to related Web sites. Users may **query** a **database** with **keyword searches** as well as through 150 interest categories.

PlanetWare also offers group subscription rates to travel...

**20/3,K/49 (Item 2 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

07875393 Supplier Number: 65751151 (USE FORMAT 7 FOR FULLTEXT)  
**Carroll Publishing Selects i411.com to Power Online Government Offerings.**

PR Newswire, p0421  
Oct 5, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 500

... to cope with dead ends or irrelevant search results.  
Using multidimensional category drill-downs or **keyword queries** (or any combination thereof), i411's technology allows users to learn as they search. In...

...need without the use of pull-down menus or other limitations presented by conventional relational **database** systems. i411's Next Generation **Search** TM technology is lightning fast and will shift the paradigm for how users get the...

**20/3,K/50 (Item 3 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

07691531 Supplier Number: 63643421 (USE FORMAT 7 FOR FULLTEXT)  
**NETWORK APPLICATIONS -- FINDERS, SEEKERS -- AltaVista's Search Engine indexes an enterprise's shared data resources. (Evaluation)**  
Zeichick, Alan  
InternetWeek, p37  
July 24, 2000  
Language: English Record Type: Fulltext  
Article Type: Evaluation  
Document Type: Magazine/Journal; Trade  
Word Count: 1747

... index accessible data files residing on multiple public Web servers, storing the results in a **database**. Users can **query** that **database** against full-text **keywords** to **find** just the information they're looking for. More bad news: Although that's wonderful for...

**20/3,K/51 (Item 4 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07380623 Supplier Number: 60301579 (USE FORMAT 7 FOR FULLTEXT)  
**Tacit Uses E-mail to Discover Knowledge Experts. (Tacit Knowledge Systems**

**Knowledge Mail and Knowledge Mail Plus) (Product Announcement)**

PLOSKINA, BRIAN

ENT, v4, n21, p25

Dec 8, 1999

Language: English Record Type: Fulltext

Article Type: Product Announcement

Document Type: Magazine/Journal; Professional

Word Count: 647

... network.

For example, if Bob is looking for particular information on a customer, he can **search** the KnowledgeMail **database** by **keyword**. The **query** would come back informing Bob that Mary, Bill, and an unnamed private source have worked...

**20/3,K/52 (Item 5 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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07165940 Supplier Number: 61238712 (USE FORMAT 7 FOR FULLTEXT)

**Web-Ignite and Mamma.com Team Up for Premium Search-Result Placement; New Online Service Optimizes Search Results.**

Business Wire, p0276

March 31, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 420

... Qualifying companies can choose one of three options: 1) Give Mamma.com direct access to **query** their **database**; 2) Provide Mamma.com with a list of **keywords** to trigger a **query**; or 3) Complete an Excel spreadsheet provided by Mamma.com that includes all relevant keywords...

**20/3,K/53 (Item 6 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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06608196 Supplier Number: 55642923 (USE FORMAT 7 FOR FULLTEXT)

**Oxymorons du Jour. (Government Activity)**

Government Computer News, v18, n28, p2

August 30, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Tabloid; Trade

Word Count: 360

... systems, you don't have to think beyond two simple computer routines: the ad hoc **query** to a **database**, or the " **keyword** " **search** during an Internet session.

To this extent, then, data warehousing and better storage also share

...

**20/3,K/54 (Item 7 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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06162692 Supplier Number: 53981887 (USE FORMAT 7 FOR FULLTEXT)

**NEW PUBLICATIONS.**

Rapid Prototyping Report, v9, n2, pNA  
Feb, 1999  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 303

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...consulting firm located in Amherst, New Hampshire, has published 3D Rapid Prototyping Patents 99, a database and software search utility that contains more than 475 United States patents relating to rapid prototyping and solid...  
...to Al Hastbaka, founder of Chatham Research (and senior vice president of Sanders Prototyping), the searchable database uses Adobe's Acrobat Reader software and lets you construct logical queries to locate key words or phrases, not just in patent abstracts, but throughout a patent's entire text. Once...  
...information, costs \$495 and includes the Adobe Acrobat Reader software. A CD ROM with a searchable database of patent abstracts with drawings, but not the full patent texts, is available for \$225...

20/3,K/55 (Item 8 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05144075 Supplier Number: 47851788 (USE FORMAT 7 FOR FULLTEXT)  
**Marketwave Introduces New Web Traffic Analysis Tools Designed To Track Employee-Generated Intranet Traffic.**  
Business Wire, p07220186  
July 22, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 595

... 495, is designed for complex, high-traffic intranets and proxy servers and includes QuickList(TM) database technology, database query reporting, search engine keyword reports and three types of secured remote reports. Fully functional 21-day trial versions of...

20/3,K/56 (Item 9 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04922475 Supplier Number: 47236056 (USE FORMAT 7 FOR FULLTEXT)  
**Oracle7 Gains Theme Queries; Upgraded ConText option for managing text offers another search method besides keywords**  
Perez, Juan Carlos  
PC Week, p067  
March 24, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Tabloid; General Trade  
Word Count: 475

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...newest version of oracle corp.'s ConText option for managing text in Oracle7 lets users query the database not only by keywords but by

theme as well.

**20/3,K/57 (Item 10 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04601093 Supplier Number: 46767125 (USE FORMAT 7 FOR FULLTEXT)  
**Seagate Software Licences Fulcrum Software Products for Far-Reaching**  
**Customer Support Application**  
PR Newswire, p1001NYM058  
Oct 1, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1159

... TM), Fulcrum's search software customized for Web servers, will be used to index and **search** the Notes **database** on the Web. Users will be able to enter the site and, with popular Web...

...term highlighting and hit-term navigation. Fulcrum software will allow Seagate Software customers to pose **questions** with **keywords** and natural-language phrases in order to find useful information, and to refine their searches...

**20/3,K/58 (Item 11 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

04536684 Supplier Number: 46665989 (USE FORMAT 7 FOR FULLTEXT)  
**The Cyberspace Secretary**  
Photographic Trade News, p8  
Sept, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 333

... more than an Internet browser for searching and downloading images cataloged by the Cumulus Network **Database**. Using **keyword** and text-based **queries**, user's will be able to search among thousands of pictures, Quicktime movies and digital...

**20/3,K/59 (Item 12 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

04473572 Supplier Number: 46567246 (USE FORMAT 7 FOR FULLTEXT)  
**FULCRUM CHOSEN BY DISCLOSURE AS SEARCH SOFTWARE FOR WEB-BASED FINANCIAL**  
**INFORMATION SERVICE**  
PR Newswire, p0723NYTU080  
July 23, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 638

... companies worldwide. Fulcrum's software permits full-text searching, so that users can type in **key words** or natural-language **queries** to retrieve public companies' filings in Disclosure's EDGAR

**database** (Electronic Data Gathering, Analysis and **Retrieval** , the electronic method of filing implemented by the U.S. Securities and Exchange Commission).

William...

**20/3,K/60 (Item 13 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

04399957 Supplier Number: 46454448 (USE FORMAT 7 FOR FULLTEXT)

**NSXpert helps troubleshoot NetWare woes: Hyperlinked databases lead administrators to answers**

InfoWorld, pN02

June 10, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 820

... general PC database, as well as a table of contents and a users' manual.

To search NSXpert's **database** , you can either create a **query** or browse its hypermedia links. To create a query, you click on the **Query** button and start typing in **keywords** . After each word, NSXpert displays a "hit count" that shows how many times it has...

**20/3,K/61 (Item 14 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

04350502 Supplier Number: 46380808 (USE FORMAT 7 FOR FULLTEXT)

**EE Times offering on-line directory**

Electronic Engineering Times, p2

May 13, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 95

... EBN Online site (<http://techweb.cmp.com/ebn>), the Interactive Sourcing Directory is a relational **database** that users can **query** either through a **keyword** search or by navigating through a simple menu structure to quickly find which manufacturers or...

**20/3,K/62 (Item 15 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

04074565 Supplier Number: 45933140 (USE FORMAT 7 FOR FULLTEXT)

**E-mail interoperability software: A gold-plated solution, part 2**

InfoWorld, p118

Nov 13, 1995

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 4391

... first or last name of someone in an organization, you can use this feature to **search** the global **database** for the missing information, including the person's correct E-mail address. This means that if you send

the information you do know to the QBM address in **query** form with appropriate **keywords**, chances are you'll receive a reply with the information you need. For example, by...

**20/3,K/63 (Item 16 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

03914405 Supplier Number: 45649596 (USE FORMAT 7 FOR FULLTEXT)  
**Excalibur boosts imaging products, divides indirect sales efforts**  
Computer Reseller News, p62  
July 3, 1995  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 245

... adaptive pattern-recognition processing, a technique that looks for the best possible match to a **query** when scanning a **database**. Basically, **keyword** errors do not block the "fuzzy search" capability of the application, said Mike Kennedy, president...

**20/3,K/64 (Item 17 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

03741866 Supplier Number: 45310376 (USE FORMAT 7 FOR FULLTEXT)  
**Prodigy & Infonautics Intro Homework Helper 02/01/95**  
Newsbytes, pN/A  
Feb 1, 1995  
Language: English Record Type: Fulltext  
Document Type: Newswire; General Trade  
Word Count: 554

... produce data, it produces answers."  
He continued, "Commonly, a user types a single word to **search** a **database** and hopes he or she has chosen the correct word -- often waiting for a search...

...The user then chooses another word to search and then waits again. Homework helper will **answer** questions instead of doing one word searches. Instead of searching 'Shakespeare' as a single word...

...When the data is produced, it is ranked to suggest which article best reflects the **question** and each downloaded article highlights **key words** from the **question**."

Newsbytes notes the searches took as little as three seconds to as long as eight...

**20/3,K/65 (Item 18 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

02177621 Supplier Number: 42832572 (USE FORMAT 7 FOR FULLTEXT)  
**WAIS: Is It the Lotus 1-2-3 of the Internet?**  
CommunicationsWeek, p17  
March 16, 1992  
Language: English Record Type: Fulltext

Document Type: Newsletter; Trade  
Word Count: 515

... text, or can incorporate graphic images or be generated dynamically as a result of a **database query**. The server accepts **queries** using the Z39.50 protocol and returns names of documents and the content of those documents. A typical server accepts queries in natural English, translating the **query** into **key words** with which to **search** the **database**.

Clients can talk to lots of different servers on the Internet. A single query may...

20/3,K/66 (Item 19 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

01177425 Supplier Number: 41345112  
**Law Firm Opts for Macintoshes Instead of PCs**  
PC Week, p105  
May 22, 1990  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Tabloid; General Trade

**ABSTRACT:**

...optical jukebox. Micro Dynamics's accompanying full-text-search software allows the lawyers to utilize **key words** to **query** the **database**. Full operation of the system started in 2/90. ....

20/3,K/67 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2005 The Gale Group. All rts. reserv.

1118082 Supplier Number: 01118082 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Prodigy & Infonautics Intro Homework Helper**  
(Prodigy to launch Homework Helper service by Infonautics on 2/15/95;  
service searches for answers rather than generating data)  
Newsbytes News Network, p N/A  
February 01, 1995  
DOCUMENT TYPE: Journal (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 548

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...produce data, it produces answers."

He continued, "Commonly, a user types a single word to **search** a **database** and hopes he or she has chosen the correct word -- often waiting for a search...

...The user then chooses another word to search and then waits again. Homework helper will **answer** questions instead of doing one word searches. Instead of searching 'Shakespeare' as a single word...

...When the data is produced, it is ranked to suggest which article best reflects the **question** and each downloaded article highlights **key words** from the **question** ."

Newsbytes notes the searches took as little as three seconds to as long as eight...

20/3,K/68 (Item 1 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2005 The Gale Group. All rts. reserv.

1127585 Supplier Number: 02036236 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Searching CAplus: a cost analysis**  
(Cost analysis compares Chemical Abstracts' CAplus, ZCAplus and HCAplus database searches via SciFinder and directly from Chemical Abstracts Service; information professionals must become familiar with features to choose cost-effective strategy)  
Article Author(s): Toth, Tibor; Frankovic, Sonja Katanec  
Online Magazine, v 23, n 4, p 34-38  
July 1999  
DOCUMENT TYPE: Journal; Cross comparison study ISSN: 0146-5422 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2678

**ABSTRACT:**  
...access to it is easier. The STN Messenger command language offers three versions of CAplus **database search**, namely, Standard CAplus, ZCAplus, and HCAplus. The only difference in these three is the rate...

...the needed hits are more than five, the search should be coursed through SciFinder. For **queries** that require multiple **keywords** or when one wants to broaden his or her search, the command language is most...

20/3,K/69 (Item 2 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2005 The Gale Group. All rts. reserv.

1082596 Supplier Number: 01484672 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**In-House Content Providers: A New Role for Information Professionals**  
(New technologies are changing the role of information professionals and providing them with almost limitless opportunities)  
Article Author(s): Funke, Susan  
Searcher, v 6, n 5, p 45-47  
May 1998  
DOCUMENT TYPE: Journal ISSN: 1070-4795 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1637

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**  
...was formatted.

Meta tags -- Keywords representing a Web page's content.

Index -- A list of **keywords** that identifies a unique document.

**Query** -- Request for information from a **database**.  
Data Warehouse -- Collection of data designed to support management decision making.

Data Mining -- A class...

Set	Items	Description
S1	0	AU=(THYAGARAJAN V? OR THYAGARAJAN, V?)
S2	2516969	REPOSITORY? OR DATABASE OR (DATA OR CENTRAL) ()FILE OR DATA- ()BASE? OR DB OR STORAGE?
S3	8002908	RETRIEV? OR SEARCH? OR QUER? OR FIND? OR MATCH? OR COMPAR?
S4	2894170	FAQ? ? OR QUESTION? OR QUERY OR QUERIES OR INQUIR? OR ENQU- IR?
S5	2592813	ANSWER? OR RESPONSE? ?
S6	1331877	KEYWORD? OR KEYPHRASE? OR KEYCLAUSE? OR KEY() (WORD? OR PHR- ASE? OR CLAUSE? OR TERM?)
S7	190304	S2(5N)S3
S8	3656	S4(5N)S6
S9	143	S7(25N)S8
S10	19	S9(20N)S5
S11	6652	S7(S)S5
S12	481	S8(S)S5
S13	27	S11(S)S8
S14	27	S12(S)S7
S15	171	S7(S)S8
S16	5	S15(S) (CONVOLUTION? OR VECTOR? OR ALGORITHM?)
S17	176	S9 OR S10 OR S13 OR S14 OR S15 OR S16
S18	156	S17 NOT PY>2001
S19	135	S18 NOT PD=20010510:20050105
S20	93	RD (unique items)
File 810:Business Wire 1986-1999/Feb 28		
(c) 1999 Business Wire		
File 610:Business Wire 1999-2005/Jan 05		
(c) 2005 Business Wire.		
File 647:CMP Computer Fulltext 1988-2005/Dec W3		
(c) 2005 CMP Media, LLC		
File 98:General Sci Abs/Full-Text 1984-2004/Sep		
(c) 2004 The HW Wilson Co.		
File 148:Gale Group Trade & Industry DB 1976-2005/Jan 05		
(c) 2005 The Gale Group		
File 634:San Jose Mercury Jun 1985-2004/Dec 31		
(c) 2005 San Jose Mercury News		
File 275:Gale Group Computer DB(TM) 1983-2005/Jan 05		
(c) 2005 The Gale Group		
File 47:Gale Group Magazine DB(TM) 1959-2005/Jan 04		
(c) 2005 The Gale group		
File 75:TGG Management Contents(R) 86-2004/Dec W1		
(c) 2004 The Gale Group		
File 636:Gale Group Newsletter DB(TM) 1987-2005/Jan 05		
(c) 2005 The Gale Group		
File 16:Gale Group PROMT(R) 1990-2005/Jan 05		
(c) 2005 The Gale Group		

20/3,K/1 (Item 1 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0757788 BW1184

BUTLER GROUP WIZNET: Butler Group and WIZnet bring Global Purchasing Markets to the UK

October 14, 1997

Byline: Business Editors

...the PurchasingExtranet at the rate of 500 per day. Subscribers access this massive and growing **database** via a Natural Language **Query** Solution that antiquates the unreliable **key - word** indexing searches. The PurchasingExtranet Solution utilizes advanced artificial intelligence and neural networking technology to allow...

20/3,K/2 (Item 2 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0726604 BW0186

MARKEWAVE: Marketwave Introduces New Web Traffic Analysis Tools Designed To Track Employee-Generated Intranet Traffic

July 22, 1997

Byline: Business Editors

...495, is designed for complex, high-traffic intranets and proxy servers and includes QuickList(TM) **database** technology, **database query** reporting, **search engine keyword** reports and three types of secured remote reports. Fully functional 21-day trial versions of...

20/3,K/3 (Item 1 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2005 Business Wire. All rts. reserv.

00246080 20000331091B6213 (USE FORMAT 7 FOR FULLTEXT)  
Web-Ignite and Mamma.com Team Up for Premium Search-Result Placement; New Online Service Optimizes Search Results  
Business Wire  
Friday, March 31, 2000 15:11 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWswire  
WORD COUNT: 470

...Qualifying companies can choose one of three options: 1) Give Mamma.com direct access to **query** their **database** ; 2) Provide Mamma.com with a list of **keywords** to trigger a **query** ; or 3) Complete an Excel spreadsheet provided by Mamma.com that includes all relevant keywords...

20/3,K/4 (Item 2 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2005 Business Wire. All rts. reserv.

00067355 19990629180B0030 (USE FORMAT 7 FOR FULLTEXT)  
**TRIP.com Selects Brightware for Email Customer Service; Online Travel Site to Use Brightware Email Assistance Solution to Serve Email Requests Of More Than 1 Million Members**  
Business Wire  
Tuesday, June 29, 1999 08:17 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 678

...and it dramatically reduces costs by increasing agent productivity while automating the handling of routine **inquiries**.

"Other products we examined used **keyword** searches to **answer** customers' **inquiries**," DeFazio said. "This won't work for TRIP.com. Our customers use a variety of..."

...to describe what they need. Because Brightware's product can accurately classify incoming messages and **query** our **database** for requested information, it will allow us to provide customers with complete **answers** in a timely manner."  
"TRIP.com has recognized that providing rapid, accurate answers to customer..."

20/3,K/5 (Item 1 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2005 CMP Media, LLC. All rts. reserv.

01220010 CMP ACCESSION NUMBER: INW20000724S0044  
**NETWORK APPLICATIONS - FINDERS, SEEKERS - AltaVista's Search Engine indexes an enterprise's shared data resources**  
ALAN ZEICHICK  
INTERNETWEEK, 2000, n 822, PG37  
PUBLICATION DATE: 000724  
JOURNAL CODE: INW LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: REVIEWS  
WORD COUNT: 1732

... index accessible data files residing on multiple public Web servers, storing the results in a **database**. Users can **query** that **database** against full-text **keywords** to **find** just the information they're looking for. More bad news: Although that's wonderful for...

20/3,K/6 (Item 2 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2005 CMP Media, LLC. All rts. reserv.

01090853 CMP ACCESSION NUMBER: EET19960513S0019  
**EE Times offering on-line directory (Late News)**  
ELECTRONIC ENGINEERING TIMES, 1996, n 901, PG02  
PUBLICATION DATE: 960513

JOURNAL CODE: EET LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: News  
WORD COUNT: 96

... EBN Online site (<http://techweb.cmp.com/ebn>), the Interactive Sourcing Directory is a relational **database** that users can **query** either through a **keyword** search or by navigating through a simple menu structure to quickly find which manufacturers or...

20/3,K/7 (Item 3 from file: 647)  
DIALOG(R)File 647: CMP Computer Fulltext  
(c) 2005 CMP Media, LLC. All rts. reserv.

01057561 CMP ACCESSION NUMBER: CRN19950703S0072  
**Excalibur boosts imaging products, divides indirect sales efforts** (weekly briefs)  
William Terdoslavich  
COMPUTER RESELLER NEWS, 1995, n 637, PG62  
PUBLICATION DATE: 950703  
JOURNAL CODE: CRN LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: feature -imaging  
WORD COUNT: 241

... adaptive pattern-recognition processing, a technique that looks for the best possible match to a **query** when scanning a **database**. Basically, **keyword** errors do not block the "fuzzy search" capability of the application, said Mike Kennedy, president...

20/3,K/8 (Item 4 from file: 647)  
DIALOG(R)File 647: CMP Computer Fulltext  
(c) 2005 CMP Media, LLC. All rts. reserv.

00620471 CMP ACCESSION NUMBER: CSN19880829S3307  
**Making Information Management Practical**  
ROGER J. SIPPL  
COMPUTER SYSTEMS NEWS, 1988, n 381, 17  
PUBLICATION DATE: 880829  
JOURNAL CODE: CSN LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: 381PG17A  
WORD COUNT: 877

... a paragraph of the phrase "fuel pump," he or she can use the object-oriented **database** manager to **query** by both the date field and those **key phrases**.

That **query** may result in the retrieval of 20 contracts, which can be narrowed down by redefining...

20/3,K/9 (Item 5 from file: 647)  
DIALOG(R)File 647: CMP Computer Fulltext  
(c) 2005 CMP Media, LLC. All rts. reserv.

00512123 CMP ACCESSION NUMBER: CWK19920316S1590  
**INTEROPERABILITY-WAIS: Is It the Lotus 1-2-3 of the Internet? @by:**  
COMMUNICATIONSWEEK, 1992, n 394, 17

PUBLICATION DATE: 920316  
JOURNAL CODE: CWK LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Internetworking  
WORD COUNT: 522

... text, or can incorporate graphic images or be generated dynamically as a result of a **database query**. The server accepts **queries** using the Z39.50 protocol and returns names of documents and the content of those documents. A typical server accepts queries in natural English, translating the **query** into **key words** with which to **search** the **database**.

Clients can talk to lots of different servers on the Internet. A single query may...

20/3,K/10 (Item 1 from file: 98)  
DIALOG(R)File 98:General Sci Abs/Full-Text  
(c) 2004 The HW Wilson Co. All rts. reserv.

04363741 H.W. WILSON RECORD NUMBER: BGSA00113741 (USE FORMAT 7 FOR FULLTEXT)  
**Uses of behavioral risk factor surveillance system data, 1993-1997.**  
Figgs, Larry W  
Bloom, Yael; Dugbatey, Kwesi  
American Journal of Public Health (Am J Public Health) v. 90 no5 (May 2000)  
p. 774-6  
SPECIAL FEATURES: bibl il ISSN: 0090-0036  
LANGUAGE: English  
COUNTRY OF PUBLICATION: United States  
WORD COUNT: 1686

(USE FORMAT 7 FOR FULLTEXT)

TEXT:  
... SPSS version 7.5.1 (SPSS Inc, Chicago, Ill) was used in conducting analyses.

RESULTS  
**DATABASE SEARCH**  
Our Medline **database search** uncovered 109 reports based on BRFSS data. Forty-one were MMWR releases, and 68 were...

...and 13.6 peer-reviewed (range: 12-16) reports per year from 1993 to 1997. **Keyword** searches (derived from BRFSS **questionnaire** content) among the MMWR reports and journal articles indicated that health behavior, tobacco use, preventive...

20/3,K/11 (Item 2 from file: 98)  
DIALOG(R)File 98:General Sci Abs/Full-Text  
(c) 2004 The HW Wilson Co. All rts. reserv.

04264541 H.W. WILSON RECORD NUMBER: BGSA00014541 (USE FORMAT 7 FOR FULLTEXT)  
**Seeking smarter searches.**  
Foust, Jeff  
Technology Review (Cambridge, Mass.: 1998) v. 103 no3 (May/June 2000) p. 26  
SPECIAL FEATURES: il ISSN: 1099-274X  
LANGUAGE: English

COUNTRY OF PUBLICATION: United States  
WORD COUNT: 591

(USE FORMAT 7 FOR FULLTEXT)

...ABSTRACT: from the U.S. Census to the Internet Movie Database. When a user asks a **question**, Fact City uses **keywords** from the **query** to locate the right **database**, then the correct **answer**. Other start-ups, such as Why.com of Cambridge, Massachusetts, believe better search methods could...

TEXT:

... from the U.S. Census to the Internet Movie Database. When a user asks a **question**, Fact City uses **keywords** from the **query** to **find** the right **database**, then the right **answer**. The scheme relies on a large vocabulary of pre-selected keywords: over 500 alone for...

**20/3,K/12 (Item 1 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

12651225 SUPPLIER NUMBER: 65751151 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Carroll Publishing Selects i411.com to Power Online Government Offerings.**  
PR Newswire, 0421  
Oct 5, 2000  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 532 LINE COUNT: 00049

... need without the use of pull-down menus or other limitations presented by conventional relational **database** systems. i411's Next Generation **Search** TM technology is lightning fast and will shift the paradigm for how users get the...

**20/3,K/13 (Item 2 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

12632607 SUPPLIER NUMBER: 65575483 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Competitive Intelligence: A Librarian's Empirical Approach. (Technology Information) (Tutorial)**  
Gross, Margaret  
Searcher, 8, 8, 70  
Sept, 2000  
DOCUMENT TYPE: Tutorial ISSN: 1070-4795 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 4604 LINE COUNT: 00413

... to the respective header.

An intranet Web page that requires little maintenance simply presents a **search** interface to the **database** that houses the collected data. This page will have a window for **query** data along with some suggested **keywords** and search tips.

The most comprehensive treatment of competitive intelligence and market research will combine...

**20/3,K/14 (Item 3 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c) 2005 The Gale Group. All rts. reserv.

12530649      SUPPLIER NUMBER: 64776283      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Polling the Nations, 1986-1998.**  
Roberts, Randall  
Reference & User Services Quarterly, 39, 4, 393  
Summer, 2000  
ISSN: 1094-9054      LANGUAGE: English      RECORD TYPE: Fulltext  
WORD COUNT: 2818      LINE COUNT: 00226

... Additionally, there is a quirky problem involving use of the Help facility followed by a **database search**. If the user, for example, makes an excursion to the Help facility followed directly by a **Query ( keyword )** search, all subsequent searches will result in a search of the Help screens rather than a **search of the database**. This phenomenon will confuse more than a few folks.

The ORS CD-ROM version offers...

**20/3,K/15 (Item 4 from file: 148)**  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c) 2005 The Gale Group. All rts. reserv.

12461399      SUPPLIER NUMBER: 63643421      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**NETWORK APPLICATIONS -- FINDERS, SEEKERS -- AltaVista's Search Engine**  
indexes an enterprise's shared data resources. (Evaluation)  
Zeichick, Alan  
InternetWeek, 37  
July 24, 2000  
DOCUMENT TYPE: Evaluation      ISSN: 1096-9969      LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 1843      LINE COUNT: 00146

... index accessible data files residing on multiple public Web servers, storing the results in a **database**. Users can **query** that **database** against full-text **keywords** to **find** just the information they're looking for. More bad news: Although that's wonderful for...

**20/3,K/16 (Item 5 from file: 148)**  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c) 2005 The Gale Group. All rts. reserv.

12245487      SUPPLIER NUMBER: 62599181      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Facts On File Goes 'Click and Mortar'.**  
O'Leary, Mick  
Information Today, 17, 6, 21  
June, 2000  
ISSN: 8755-6286      LANGUAGE: English      RECORD TYPE: Fulltext  
WORD COUNT: 1553      LINE COUNT: 00131

... together in one classification. There are basic and advanced search levels, both of which allow **keyword queries**, Boolean operators, wild-card characters, right- and left-end truncation, and date limiting. The advanced...

**20/3,K/17 (Item 6 from file: 148)**  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c) 2005 The Gale Group. All rts. reserv.

12135540 SUPPLIER NUMBER: 60301579 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Tacit Uses E-mail to Discover Knowledge Experts. (Tacit Knowledge Systems  
Knowledge Mail and Knowledge Mail Plus) (Product Announcement)

PLOSKINA, BRIAN

ENT, 4, 21, 25

Dec 8, 1999

DOCUMENT TYPE: Product Announcement ISSN: 1085-2395 LANGUAGE:

English RECORD TYPE: Fulltext

WORD COUNT: 680 LINE COUNT: 00056

... network.

For example, if Bob is looking for particular information on a customer, he can **search** the KnowledgeMail **database** by **keyword**. The **query** would come back informing Bob that Mary, Bill, and an unnamed private source have worked...

**20/3,K/18 (Item 7 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

11313930 SUPPLIER NUMBER: 55642923 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Oxymorons du Jour. (Government Activity)

Government Computer News, 18, 28, 2

August 30, 1999

ISSN: 0738-4300 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 376 LINE COUNT: 00033

... systems, you don't have to think beyond two simple computer routines: the ad hoc **query** to a **database**, or the " **keyword** " **search** during an Internet session.

To this extent, then, data warehousing and better storage also share

...

**20/3,K/19 (Item 8 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

10742723 SUPPLIER NUMBER: 53557519 (USE FORMAT 7 OR 9 FOR FULL TEXT)

How to organize digital archives.

Low, Lafe

Folio: the Magazine for Magazine Management, 28, 1, 235(1)

Jan, 1999

ISSN: 0046-4333 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1711 LINE COUNT: 00138

... audio and video files. Production users can search for archived images or page files using **keyword** or natural language **database queries**, so archive **searches** can be as broad or specific as needed. Digital-asset management systems also provide thumbnail...

**20/3,K/20 (Item 9 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

10235554 SUPPLIER NUMBER: 20618743 (USE FORMAT 7 OR 9 FOR FULL TEXT)

In-house content providers: a new role for information

professionals. (includes related information on Web sites and online searching terminology)  
Funke, Susan  
Searcher, v6, n5, p45(3)  
May, 1998  
ISSN: 1070-4795 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1733 LINE COUNT: 00151

... was formatted.  
Meta tags -- Keywords representing a Web page's content.  
Index -- A list of **keywords** that identifies a unique document.  
**Query** -- Request for information from a **database**.  
Data Warehouse -- Collection of data designed to support management decision making.  
Data Mining -- A class...

20/3,K/21 (Item 10 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

10038615 SUPPLIER NUMBER: 20228328 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Britannica CD 98 is enhanced with new interface and advanced search features.  
Information Today, v15, n2, p25(2)  
Feb, 1998  
ISSN: 8755-6286 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 775 LINE COUNT: 00068

... to Britannica CD 98:  
\* Ask Britannica: An intuitive, natural language search feature allows individuals to **search** Britannica's 44-million-word **database** by typing in specific **questions** or **keywords**.  
\* Discover Britannica: Patrons and students can browse through Britannica's A to Z index. Filters...

20/3,K/22 (Item 11 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

10036444 SUPPLIER NUMBER: 20332225 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Netting business information. (effective waste management via the Internet)  
(includes related article on how to select an Internet service provider)  
Guttentag, Roger M.  
World Wastes, v41, n1, p36(5)  
Jan, 1998  
ISSN: 1064-8429 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2085 LINE COUNT: 00186

... be found on the Web and Internet newsgroups. This information then is stored in the **search** engine's **database** where it can be accessed through a **keyword query**.

Again, the more specific your questions, the easier it will be to convert them into **keyword** search terms. For example, the **question** "What are the best methods for composting food waste?" can yield composting, food, waste and...

20/3,K/23 (Item 12 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

09836288 SUPPLIER NUMBER: 19577879 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Asset management builds equity and revenues. (magazine publishers can use software to store digital files efficiently)**

Low, Lafe

Folio: the Magazine for Magazine Management, v26, n9, p48(2)

July 1, 1997

ISSN: 0046-4333 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1766 LINE COUNT: 00145

... audio and video files. Production users can search for archived images or page files using **keyword** or natural language **database queries**, so archive **searches** can be as broad or specific as needed. Digital-asset management systems also provide thumbnail...

**20/3,K/24 (Item 13 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

09812761 SUPPLIER NUMBER: 19922592

**Lost on the Web: search tools ease query pain. (Internet/Web/Online Service Information)**

Gittlen, Sandra

Network World, v14, n42, p10(2)

Oct 20, 1997

ISSN: 0887-7661 LANGUAGE: English RECORD TYPE: Abstract

...ABSTRACT: found useful data and ways to search new data sources. The company has created a **searchable database** of FTP software, and it is offering WebsiteZ, a **searchable database** of inactive and active domain names.

**20/3,K/25 (Item 14 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

09381854 SUPPLIER NUMBER: 19246395 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Oracle7 gains theme queries; upgraded ConText option for managing text offers another search method besides keywords.**

Perez, Juan Carlos

PC Week, v14, n13, p67(2)

March 24, 1997

ISSN: 0740-1604 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 490 LINE COUNT: 00042

...ABSTRACT: capabilities that let users ask for documents related to a particular topic instead of limiting **queries** to **keyword searches**. **Database** text is traditionally stored in flat files and handled via a separate engine, but Oracle7...

TEXT:

...newest version of oracle corp.'s ConText option for managing text in Oracle7 lets users **query** the **database** not only by **keywords** but by **theme** as well.

20/3,K/26 (Item 15 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

09366716 SUPPLIER NUMBER: 19203316 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Internet tools and web workers: permanent solutions to persistent problems.**  
Searcher, v5, n2, p17(3)  
Feb, 1997  
ISSN: 1070-4795 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1976 LINE COUNT: 00165

... 95 and Windows NT 3.51)

Creates text summaries for links retrieved from a Web search engine site into a database that lets users sort links by such elements as Web page name, address, keyword, etc. The Query Wizard figure defines a set of search criteria as an option and uses a right...

20/3,K/27 (Item 16 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

09103158 SUPPLIER NUMBER: 18815858 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Improving personal-name searching in online catalogs.**  
Drabenstott, Karen M.; Weller, Marjorie S.  
Information Technology and Libraries, v15, n3, p135(21)  
Sep, 1996  
ISSN: 0730-9295 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 13396 LINE COUNT: 01130

... topical element. Without such prompting, queries consisting of personal-name elements usually outnumber multi-element queries .

Keyword searches failed to retrieve titles for half of these queries because of the topic element...

20/3,K/28 (Item 17 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

08992069 SUPPLIER NUMBER: 18725939 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Seagate Software Licences Fulcrum Software Products for Far-Reaching Customer Support Application**  
PR Newswire, p1001NYM058  
Oct 1, 1996  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1235 LINE COUNT: 00109

... term highlighting and hit-term navigation. Fulcrum software will allow Seagate Software customers to pose questions with keywords and natural-language phrases in order to find useful information, and to refine their searches...

20/3,K/29 (Item 18 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

08911919 SUPPLIER NUMBER: 18595139  
**Low-priced tools rein in brute power of Web search engines. (Quarterdeck's**

**WebCompass Professional, Frontier Technologies' CyberSearch, Colorado State University's SavvySearch Web interface tools) (Software Review) (Evaluation)**

McCarthy, Shawn P.

Government Computer News, v15, n19, p1(2)

August 5, 1996

DOCUMENT TYPE: Evaluation ISSN: 0738-4300 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1021 LINE COUNT: 00081

Most users rely on powerful commercial search engines to **query** by **key word** or concept.

But when a **query** returns, say, 10,000 hits, you have your work cut out for you. Each of the leading **search** engines creates its own **database**, so you wind up with a different set of pointers from each.

It's far...

**20/3,K/30 (Item 19 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

08821056 SUPPLIER NUMBER: 18505248 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**FULCRUM CHOSEN BY DISCLOSURE AS SEARCH SOFTWARE FOR WEB-BASED FINANCIAL INFORMATION SERVICE**

PR Newswire, p723NYTU080

July 23, 1996

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 668 LINE COUNT: 00063

... companies worldwide. Fulcrum's software permits full-text searching, so that users can type in **key words** or natural-language **queries** to retrieve public companies' filings in Disclosure's EDGAR **database** (Electronic Data Gathering, Analysis and **Retrieval**, the electronic method of filing implemented by the U.S. Securities and Exchange Commission).

William...

**20/3,K/31 (Item 20 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

08744243 SUPPLIER NUMBER: 18381091 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**NSXpert helps troubleshoot NetWare woes; hyperlinked databases lead administrators to answers. (ServiceWare's NSXpert for NetWare CD-ROM database) (Software Review) (Evaluation)**

Avery, Mike

InfoWorld, v18, n24, pN2(2)

June 10, 1996

DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 859 LINE COUNT: 00070

... general PC database, as well as a table of contents and a users' manual.

To **search** NSXpert's **database**, you can either create a **query** or browse its hypermedia links. To create a query, you click on the **Query** button and start typing in **keywords**. After each word, NSXpert displays a "hit count" that shows how many times it has...

**20/3,K/32 (Item 21 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

08471833 SUPPLIER NUMBER: 17959861 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Robot-generated databases on the World Wide Web; these robots retrieve WWW documents and index data, and then store it in a database. (World Wide Web server software programs) (includes related articles)**  
Kimmel, Stacey  
Database, v19, n1, p40(8)  
Feb-March, 1996  
ISSN: 0162-4105 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 4326 LINE COUNT: 00357

... relevance than a document with a search word in the body text. The robot-based **database** is made available to **searchers**, who can submit **queries** by entering **keywords** and other criteria on a WWW-based search form.

DATABASES GENERATED BY WEB ROBOTS  
Databases...

**20/3,K/33 (Item 22 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

08273885 SUPPLIER NUMBER: 17618074 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**A gold-plated solution: E-mail interoperability software. (Lotus Messaging Switch 1.2P4 E-mail) (includes related articles on results and methodology) (Software Review) (Evaluation)**  
Irvin, Steve; Ryan, S.; Stapleton, Lisa  
InfoWorld, v17, n46, p118(9)  
Nov 13, 1995  
DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 8860 LINE COUNT: 00684

... that if you send the information you do know to the QBM address in query **form** with appropriate keywords, **chances** are you'll receive a reply with the information you need. For example, by typing...

**20/3,K/34 (Item 23 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

08248702 SUPPLIER NUMBER: 17468118 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Baton, take 2. (Graphical User Interface for NewsNet)**  
Krumenaker, Larry  
Searcher, v3, n9, p14(2)  
Oct, 1995  
ISSN: 1070-4795 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1470 LINE COUNT: 00113

... to prepare all your search parameters offline when the meter isn't running. In the **keyword** box, besides space for your **query**, you must choose the Concept or Boolean searching mode (Concept is the default). There are...

**20/3,K/35 (Item 24 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

08111347 SUPPLIER NUMBER: 17271207 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Textbases, part two. (hypertext, searching, and reporting features of askSam, InMagic, Folio Views, and Personal Librarian)**  
House, John  
Searcher, v3, n7, p38(4)  
July 17, 1995  
ISSN: 1070-4795 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2680 LINE COUNT: 00202

... at the top of the window. I found it easy enough to use for simple keyword queries . However, as soon as I tried to enter a Boolean query, I ran into trouble...

**20/3,K/36 (Item 25 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

08039269 SUPPLIER NUMBER: 17283714 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Internet World '95 in San Jose. (highlights of Internet trade exposition held in San Jose, California) (Brief Article)**  
Raeder, Aggi  
Searcher, v3, n6, p10(6)  
June, 1995  
DOCUMENT TYPE: Brief Article ISSN: 1070-4795 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 4699 LINE COUNT: 00381

... can see the PLServer in action. The PLServer and now PLWeb still assume OR between keywords in a query . I complained about this policy, which brings up highly irrelevant retrieval in the ranked set...

...your keywords). PLS staff told me that PLS operators could configure an AND connection between keywords in a query at set-up, but most customers have no awareness of this feature, and searchers using...

**20/3,K/37 (Item 26 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

07596513 SUPPLIER NUMBER: 15905813 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**IMR's Alchemy: filling the data archive gap with gold. (Information Management Research Inc. database management and CD-ROM mastering software) (Evaluation)**  
Carlton, Tom  
CD-ROM Professional, v7, n6, p97(6)  
Nov-Dec, 1994  
DOCUMENT TYPE: Evaluation ISSN: 1049-0833 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 3693 LINE COUNT: 00293

... can append the next database with the first session, resulting in a series of contiguous database sessions.

The **Query** option permits Boolean search strategies. A query of "Kenya" and "Trypanosomiasis" resulted in 47 documents...

**20/3,K/38 (Item 27 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

07286156 SUPPLIER NUMBER: 15513767 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**ACT for Windows, version 2.0 delivers a command performance; Symantec's contact manager combines power, ease of use. (Software Review) (Evaluation)**  
Marshall, Patrick  
InfoWorld, v16, n24, p94(2)  
June 13, 1994  
DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 3068 LINE COUNT: 00237

...ABSTRACT: fields per record. The software has an excellent search engine which lets users search by **keywords**, **query** -by-form and lookups. **Keyword** searches looks for specific character strings anywhere in the **database**, while lookup **searches** finds information based on particular fields. **Query** -by-form **searches** the **data** **based** on multiple field criteria. The program has good scheduling and telephone tools that includes multiple...

**20/3,K/39 (Item 28 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

06801623 SUPPLIER NUMBER: 14769934 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Locally loaded databases and undergraduate bibliographic instruction.**  
Reed, Lawrence L.  
RQ, v33, n2, p266(8)  
Winter, 1993  
ISSN: 0033-7072 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 4872 LINE COUNT: 00397

... skill levels and wants. With a database mounted on an OPAC, choice of an inappropriate **database** or a vaguely worded **query**, coupled with **keyword** searching and a multiyear file, results in high recall. Scanning the retrieved items becomes a...

**20/3,K/40 (Item 29 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

06770391 SUPPLIER NUMBER: 14616582 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Los Alamos Laboratories get grip on research data. (includes related articles on OCR software and the software lending library at Los Alamos National Laboratories) (optical character recognition) (Enterprise Computing/Management)**  
LaPlante, Alice  
InfoWorld, v15, n49, p76(1)  
Dec 6, 1993  
ISSN: 0199-6649 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1277 LINE COUNT: 00103

... article or older scientific literature. It makes sense to convert this into an on-line **database** so we can do **queries** and electronic searches for **keywords**, but doing so was difficult."

Because it was so time-consuming and inefficient to manually...

**20/3,K/41 (Item 30 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

06737629 SUPPLIER NUMBER: 14474744 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Why electronic filing systems are replacing metal ones. (Excalibur Technologies Corp.'s Pixtex/EFS fuzzy searching system praised)**  
Schwartz, Karen D.  
Government Computer News, v12, n21, p56(1)  
Sept 27, 1993  
ISSN: 0738-4300 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 826 LINE COUNT: 00065

... based retrieval with user-defined synonyms on full text; direct access via file room icons; **database** -style **queries**; **key word searches** on full text, names and labels; and Boolean searches on full text.

The Library of...

**20/3,K/42 (Item 31 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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06714955 SUPPLIER NUMBER: 14375827 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Financial accounting information on disk: FARS. (Financial Accounting Research System) (Evaluation)**  
Haas, Leslie M.  
Database, v16, n4, p66(2)  
August, 1993  
DOCUMENT TYPE: Evaluation ISSN: 0162-4105 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1422 LINE COUNT: 00120

... issues considered by the Emerging Issues Task Force with EITF topical index and list of **key terms**.  
FASB-Q&A Implementation Guides  
Questions and Answers from FASB Special Reports and other published implementation guidance.  
FASINDEX Comprehensive Topical Index  
SEARCHING THE DATABASE  
The Main Menu lists the five infobases, and you can select one or more infobases...

**20/3,K/43 (Item 32 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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06232527 SUPPLIER NUMBER: 13716032

'Text-analysis' server to simplify queries. (Oracle Corp.'s ConText)  
Cox, John  
CommunicationsWeek, n450, p1(2)  
April 19, 1993  
ISSN: 0746-8121      LANGUAGE: ENGLISH      RECORD TYPE: ABSTRACT

ABSTRACT: Oracle Corp's ConText search software performs database queries using concepts rather than key words. The software is under development and scheduled to ship in mid-1994. ConText's analysis...

20/3,K/44      (Item 33 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

05837340      SUPPLIER NUMBER: 12075026      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Q&A for the Mac features built-in WP. (Symantec Corp.'s database management system) (Product Announcement)  
Rooney, Paula  
PC Week, v9, n16, p4(1)  
April 20, 1992  
DOCUMENT TYPE: Product Announcement      ISSN: 0740-1604      LANGUAGE:  
ENGLISH      RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 444      LINE COUNT: 00034

... one source.  
The flat-file database has five views, including: Add, for adding new records; Retrieve ; Sort; Design, for designing the database ; and another for customizing the database. Field types in the database include Text, Number, Money, Date/Time, Paragraph, Key - word and Picture.

An automated query system called Intelligent Assistant generates reports based on user-specified criteria, such as a listing...

20/3,K/45      (Item 34 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
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05522207      SUPPLIER NUMBER: 11552065      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
DORS: DDC online retrieval system. (Dewey Online Retrieval System)  
Songqiao Liu; Svenonius, Elaine  
Library Resources & Technical Services, v35, n4, p359(17)  
Oct, 1991  
ISSN: 0024-2527      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 6057      LINE COUNT: 00485

... there is no need to specify a Focus or Perspective dimension. The user constructs a query using keywords conjoined with Boolean operators (see figure 10). DORS then searches the LCSH database and presents all matching LCSH headings together with the number of titles associated with them (see figure 11). The...

20/3,K/46      (Item 35 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

04779378      SUPPLIER NUMBER: 09223977      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
New directions for microcomputer-based hypertext systems. (includes 'Spirit' software profile and usage)

Ray, Kenneth; Driscoll, James R.

Database, v13, n4, p60(5)

August, 1990

ISSN: 0162-4105 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 2413 LINE COUNT: 00201

... more than one query simultaneously,  
or to alter a query.  
\*BOOL is used for Boolean queries .  
\*DOCQ allows all the keywords within  
a chosen document to be used to  
query the database .  
\* ANSWER shows the list of documents  
which satisfied the last query.  
\*DOC is used to choose...

20/3,K/47 (Item 36 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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04629110 SUPPLIER NUMBER: 08167946 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Toward a document base management system. (database management systems for  
documents)

Oz, Effy  
Information Executive, v3, n1, p19(5)

Wntr, 1990

ISSN: 1041-9098 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 3430 LINE COUNT: 00270

... enters a query and the NLPR analyzes the sentence and delivers an  
instruction to the storage mechanism.

Search

For search , the system uses the same rules it uses for storage, but  
this time in a...

20/3,K/48 (Item 37 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

04567088 SUPPLIER NUMBER: 08463092 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Law firm opts for Macintoshes instead of PCs. (Hennigan and Mercer of Los  
Angeles, CA replaces all IBM PC computers with Apple Macintoshes)

Scheier, Robert L.

PC Week, v7, n20, p105(1)

May 22, 1990

ISSN: 0740-1604 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 783 LINE COUNT: 00059

... is using a companion full-text-search software package from Micro  
Dynamics that lets users query the database using key words much  
faster than they could when going through the service bureau.

Even after coding a...

20/3,K/49 (Item 38 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

04531133      SUPPLIER NUMBER: 08564577      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Using Lotus and Excel for a reference file. (libraries)  
Machalow, Robert  
Computers in Libraries, v10, n2, p44(4)  
Feb, 1990  
ISSN: 1041-7915      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 2219      LINE COUNT: 00162

... descriptor. The advantage of using the data form command is that it will permit quick searching of the entire database without the necessity of writing a macro. To use the data form command, gain access...

20/3,K/50      (Item 39 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

04163190      SUPPLIER NUMBER: 08627037      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Longhair CEO's software a data researcher's dream. (Michael Pincus;  
Thunderstone-Expansion Pgms International Inc.) (company profile)  
Prizinsky, David  
Crain's Cleveland Business, v10, n43, p2(2)  
Oct 23, 1989  
DOCUMENT TYPE: company profile      ISSN: 0197-2375      LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 676      LINE COUNT: 00054

... information retrieval and correlation software called Metamorph. Metamorph has the ability to accept natural language questions instead of "key words" in searching out an unindexed computer database for information. The software can take a question and find all logical answers or connected concepts from the database.

Mr. Pincus says the company's customer list is...

20/3,K/51      (Item 40 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

04042329      SUPPLIER NUMBER: 07853866  
How GE uses technology to turn back the clock. (General Electric Co.  
customer service; includes related article on factors to consider before  
designing a customer-service system; Executive Report: keeping up with  
service expectations)  
Stevens, Larry  
Computerworld, v23, n45, p103(2)  
Nov 6, 1989  
ISSN: 0010-4841      LANGUAGE: ENGLISH      RECORD TYPE: ABSTRACT

...ABSTRACT: the first call while learning about the customer base. GE uses a mainframe-based text-retrieval system developed in-house. Its database can access the answers to more than one million questions via keywords. Front-line operators can answer 80 percent of customer questions and the remainder are transferred to technical specialists. GE's Answer Center currently uses a Bull HN Information Systems Inc 3DPS90 mainframe system. Programmers are now...

20/3,K/52      (Item 41 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB

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03823772      SUPPLIER NUMBER: 07131666  
Text retrieval finds its home; but relational DBMSs have trouble when it comes to free-form data.

Cortese, Amy  
Computerworld, v23, n12, p25(2)  
March 20, 1989  
ISSN: 0010-4841      LANGUAGE: ENGLISH      RECORD TYPE: ABSTRACT

...ABSTRACT: retrieval systems are expected to grow in popularity, with 1989 being a key year. Text retrieval systems, unlike most data base management systems (DBMS), can search and retrieve any word or string of words in a textual database, eliminating the need for users to know reference points, such as key words or names of documents. Structured Query Language (SQL), which is the standard language for most relational DBMSs, offers no provisions for...

20/3,K/53      (Item 1 from file: 634)  
DIALOG(R)File 634:San Jose Mercury  
(c) 2005 San Jose Mercury News. All rts. reserv.

08031044  
**PRODIGY PLANS HOMEWORK HELP**  
San Jose Mercury News (SJ) - Tuesday, January 31, 1995  
By: Compiled from reports by Mercury News staff writers, the Associated Press, Dow Jones News Service and Reuters.  
Edition: Morning Final Section: Business Page: 1D  
Word Count: 78

TEXT:  
Prodigy Services Co. this week will announce a new data base that allows people to search for information by asking questions instead of just using keywords. Homework Helper, developed by Infonautics Inc., is a library of more than 300 publications, including...

20/3,K/54      (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

02287778      SUPPLIER NUMBER: 54387690      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Cyberscope: Searching For Tuition 04/14/99.**  
Newsbytes, NA  
April 14, 1999  
LANGUAGE: English      RECORD TYPE: Fulltext  
WORD COUNT: 299      LINE COUNT: 00027

TEXT:  
...to separate search whiz kids from mere dabblers. Armed with only a Lexis-Nexis information database and a 'Net-like search engine as weapons, students must answer a list of questions within a given time frame. Winners will receive a four-year...

...s advice: Learn how to work the pull down menus and bone up on your keyword search terms. Questions range from the newsy to the inane. A sampling from last year: Millard Fillmore attempted...

...Murphy says they've changed the format this year, making students do

more with the **answers** they find. "They'll have to do more assimilating of information, not just tracking it..."

**20/3,K/55 (Item 2 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02202094 SUPPLIER NUMBER: 20917974 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Design multimedia with Jasmine. (version 1.1 of Computer Associates International's multimedia development software) (includes a related article on Jasmine usage) (Software Review) (Evaluation)**

Moy, Chu

e-Business Advisor, v16, n7, p48(6)

July, 1998

DOCUMENT TYPE: Evaluation LANGUAGE: English RECORD TYPE: Fulltext  
; Abstract

WORD COUNT: 3462 LINE COUNT: 00339

... the code as ODQL.

The Visual Basic routines in listing 1 show how to create, **retrieve**, and display **database** objects. The **.FindEvents ()** function runs two ODQL queries. The first query returns a pointer to a set of Event objects that matches the **key** term . The second **query** invokes a user-defined Event class method **GetEventList()** to return a collection of strings containing...

**20/3,K/56 (Item 3 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02134332 SUPPLIER NUMBER: 20165551

**Searching for the right engine. (search engines) (Internet/Web/Online Service Information)**

Richardson, Robert

Network, v13, n1, p70(4)

Jan, 1998

LANGUAGE: English RECORD TYPE: Abstract

...ABSTRACT: search facility consists of a back-end process that indexes the site and builds a **searchable database** and a front end that interacts with the user by accepting **keywords** or concepts and **queries** the **database** . Current **search** tools use either a master index or a 'spider' approach that traverses hot links on...

**20/3,K/57 (Item 4 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01975342 SUPPLIER NUMBER: 18595892 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Cardinal Business Media launches PRTECH; Web site delivers what's new in high technology. (Company Business and Marketing) (Brief Article)**

HP Professional, v10, n7, p72(1)

July, 1996

DOCUMENT TYPE: Brief Article ISSN: 0896-145X LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 325 LINE COUNT: 00031

... spectrum of computer operating environments as well as imaging and

internetworking.

PRTECH supports natural-language **queries** and contains predefined **keywords** users can select to **search** the **database**. Users can also **query** the **database** based on their own criteria.

"Cardinal Business Media has made PRTECH a complete, compelling and...

**20/3,K/58 (Item 5 from file: 275)**

DIALOG(R) File 275:Gale Group Computer DB(TM)  
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01975056 SUPPLIER NUMBER: 18607212 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
www.prtech.com. (INTERNETWORK announces PRTECH, a Web service with  
regularly updated news) (Internet/Web/Online Service  
Information) (Editorial)

Birkhead, Evan

INTERNETWORK, v7, n8, p8(1)

August, 1996

DOCUMENT TYPE: Editorial LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 446 LINE COUNT: 00040

... companies and are posted on the Web site immediately.

Using Excite!, PRTECH supports natural-language **queries** and contains predefined **keywords** that users can select to **search** the **database**. You can also **query** the **database** based on your own keywords. The site will eventually include logo-based links to vendors...

**20/3,K/59 (Item 6 from file: 275)**

DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01965435 SUPPLIER NUMBER: 18548007

Nexpo '96, II: editorial and advertising systems and electronic publishing.  
(includes related article on Freedom System Integrators' addition of  
Phrasea to its product line) (Industry Trend or Event)

Tribute, Andrew; Edwards, Stephen; Rossello, Rosanne; Drennan, Bill;  
Fischer, Christina

Seybold Report on Publishing Systems, v25, n21, p3(51)

July 29, 1996

ISSN: 0736-7260 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 41501 LINE COUNT: 03239

... and MO (magneto-optical) jukebox-type disc systems.

DigiCol's Unix-based Reduced Relationship Entity **database**, optimized for text **retrieval**, supports full-text **queries**; **keyword**, phonetic, synonym and context-sensitive searches; and linguistic analyses. Full-text and descriptor searches can...

**20/3,K/60 (Item 7 from file: 275)**

DIALOG(R) File 275:Gale Group Computer DB(TM)  
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01911703 SUPPLIER NUMBER: 18069882 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Searching text. (techniques for organizing a text database for rapid  
searching) (Technology Tutorial) (Column)

Bentley, Jon

UNIX Review, v14, n4, p83(6)

April, 1996

DOCUMENT TYPE: Column      ISSN: 0742-3136      LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1929      LINE COUNT: 00166

ABSTRACT: Methods for organizing a text **database** for rapid **searching** are discussed. The World Wide Web is becoming a vast library of information, but its...

...location of desired information. Such search engines must be able to rapidly go through a **database** of text to **find keywords** that match a user's **query**. A 4.5MB online copy of the King James Bible is used to create a...

... task are often called crawlers, robots, or spiders.)  
\* provide a powerful and easy-to-use **query** language  
\* quickly search a **database** for all pages that contain **keywords** matching a **query**

This column will concentrate on the third requirement: How to organize a database of text...

20/3,K/61      (Item 8 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01895719      SUPPLIER NUMBER: 17892213      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Unisys's Hermes: solid challenger among newspaper editorial systems.

(Technology Information)  
Tribute, Andrew

Seybold Report on Publishing Systems, v25, n9, p16(17)  
Jan 29, 1996

ISSN: 0736-7260      LANGUAGE: English      RECORD TYPE: Fulltext  
WORD COUNT: 14488      LINE COUNT: 01133

... the NewsRoom.

\* Text. The Text window shows the full text of selected messages. If a **query** has been performed using **keywords**, the triggered words appear highlighted.

\* Service. The Service window contains the list of active services that can be selected -- the **database query**, the **tty query** and the **drawer query**. Each service is represented by an icon indicating the service type...

20/3,K/62      (Item 9 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01862628      SUPPLIER NUMBER: 17581438      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Future database technologies now. (visual query systems) (Technology Information)

Frank, Maurice  
DBMS, v8, n12, p52(5)  
Nov, 1995  
ISSN: 1041-5173      LANGUAGE: English      RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3774      LINE COUNT: 00305

ABSTRACT: The future of graphical **database queries** is indicated by two dominant trends, the first toward content-based queries for multimedia data that surpass traditional **keyword queries**, and the second toward 3D visualization technologies that offer users access to graphical data

representations...

...Content-based query systems offer various measures for identifying the multimedia BLOB's features for **searching** the **database**. IBM's Ultimedia Manager for OS/2, Virage Inc's Multimedia Query Engine API and...

20/3,K/63 (Item 10 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01749728 SUPPLIER NUMBER: 16641777 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Document database dazzles. (Dataflight Software's Concordance for Windows  
5.4) (Software Review) (Brief Article) (Evaluation)  
Gliedman, John  
Windows Sources, v00000003, n4, p38(1)  
April, 1995  
DOCUMENT TYPE: Brief Article Evaluation ISSN: 1065-9641  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 218 LINE COUNT: 00016

... is a dialect of C.  
The package impressed us with its speed; during testing, it **searched** our 2MB **database** almost instantly. It also allows **searches** many other packages can't handle. The new version adds fuzzy logic (a fuzzy search...).

...also pull C.P.U., CUP, and other similar usages). It also lets you build **queries** using **keywords** and context.

We recommend Concordance but with two caveats: The report generator still lacks a...

20/3,K/64 (Item 11 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01725901 SUPPLIER NUMBER: 16590040 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Prodigy & Infonautics intro Homework Helper.  
McKenna, Patrick  
Newsbytes, NEW02010022  
Feb 1, 1995  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 588 LINE COUNT: 00046

... produce data, it produces answers."

He continued, "Commonly, a user types a single word to **search** a **database** and hopes he or she has chosen the correct word -- often waiting for a search..."

...The user then chooses another word to search and then waits again. Homework helper will **answer** questions instead of doing one word searches. Instead of searching 'Shakespeare' as a single word...

...When the data is produced, it is ranked to suggest which article best reflects the **question** and each downloaded article highlights **key words** from the **question**."

Newsbytes notes the searches took as little as three seconds to as long as eight...

20/3,K/65 (Item 12 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01632987 SUPPLIER NUMBER: 15035780 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Content-mediated communication (while you're waiting for Cairo). (need for content-mediated system for network communications)**  
RELEase 1.0, v93, n12, p18(3)  
Dec 31, 1993  
ISSN: 1047-935X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1548 LINE COUNT: 00119

... resolve such conflicts; it Just highlights them!)  
The annotations themselves can also be manipulated as **database** data, so that you can **query** for **keywords** in the notes, count the frequency of comments, or summarize them in useful ways. (Annotations...)

20/3,K/66 (Item 13 from file: 275)  
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01628098 SUPPLIER NUMBER: 14770217 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**IFRA '93 review: an industry riding the crest of a slump. (IFRA European newspaper equipment exhibition) (includes related article on trade show rumors)**  
Edwards, Stephen E.; Neeff, David; Tribute, Andrew  
Seybold Report on Publishing Systems, v23, n6, p3(37)  
Nov 8, 1993  
ISSN: 0736-7260 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 29699 LINE COUNT: 02288

... eps, jpeg, jfiff and pict formats; remote access via telephone and isdn; and cd jukebox **storage** technology.  
Retrieval features are comprehensive, supporting full-text **queries**, **keywords**, phonetic searches, synonym searches, linguistic analyses and context-sensitive searches.  
The DC System is installed...

20/3,K/67 (Item 14 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01619704 SUPPLIER NUMBER: 14390578 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Problem busters. (network help desks) (includes a related article on the Help Desk Institute's help for help desks)**  
Hinners, Bonny  
LAN Magazine, v8, n11, p101(6)  
Oct, 1993  
ISSN: 0898-0012 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 3604 LINE COUNT: 00283

... be configured, how the data and keywords will be entered, and who will maintain the **database**.

To **retrieve** information from the **database**, the help-desk technician must enter intelligent **queries**. Information is generally retrieved through **keyword queries**, and some databases support hypertext links so technicians can jump quickly to related material if they think they are close to an **answer**. "Printing" might be linked to "form feed" or

"banner sheet" in a hypertext system.

Relational...

...involving multiple products or achieving new outcomes with the same old products.

EXPERT SYSTEMS

Efficiently searching a **database** requires a certain amount of knowledge itself. An inexperienced technician might waste time with invalid

...

...an experienced technician can find the solution to a problem more quickly by recognizing important **keywords** and working from intelligent **queries**. Of course, the experienced technician can often bypass the database altogether if the problem is...

20/3,K/68 (Item 15 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01550605 SUPPLIER NUMBER: 13032853 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Imara Lite: complete, affordable document management. (Imara Research Corp.

document management system) (Software Review) (Product Reviews)

(Evaluation)

Claiborne, David

PC Sources, v3, n12, p356(1)

Dec, 1992

DOCUMENT TYPE: Evaluation ISSN: 1052-6579

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 778 LINE COUNT: 00058

... can perform searches across any level of the data hierarchy using the document name, the **keyword** list, or a **query** based on the **database** form. You can also attach both text and voice messages to images--Imara Lite supports...

20/3,K/69 (Item 16 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01515362 SUPPLIER NUMBER: 12139306 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Report from Digital '92: digital imaging comes of age. (the Digital '92

conference on digital photography)

Karsch, Arlene E.

Seybold Report on Publishing Systems, v21, n15, p3(13)

April 27, 1992

ISSN: 0736-7260 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 10291 LINE COUNT: 00833

... for individual fielded categories, synonym lists and a spelling checker to aid in formulating complex **queries**.

Search criteria can include **keywords**, indexed fields or fulltext searching. Once a search is concluded, the number of matching items appears in the search window and the user can then review the results of the **search**. **Database** viewing options (such as thumbnail displays, scrolling through slug lines, selecting and grouping pictures) are...

20/3,K/70 (Item 17 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01458991 SUPPLIER NUMBER: 11470228 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Extensions to Starburst: objects, types, functions, and rules. (IBM  
Research's Starburst relational database management system; one of six  
articles on next-generation database management systems)  
Lohman, Guy M.; Lindsay, Bruce; Pirahesh, Hamid; Schiefer, K. Bernhard  
Communications of the ACM, v34, n10, p94(16)  
Oct, 1991  
ISSN: 0001-0782 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 12179 LINE COUNT: 00988

... this rule's condition clause is triggered. The rule's condition  
clause, preceded by the keyword IF, is any SQL query on the current  
database state and the transition tables, described below. If this query  
is non-empty, the condition...

20/3,K/71 (Item 18 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01436320 SUPPLIER NUMBER: 10718203 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
LaSSIE: a knowledge-based software information system. (International  
Conference on Software Engineering special report; one of five articles  
on technical material presented at ICSE-12; Large Software System  
Information Environment) (technical)  
Devanbu, Premkumar T.; Brachman, Ronald J.; Selfridge, Peter G.; Ballard,  
Bruce W.  
Communications of the ACM, v34, n5, p34(16)  
May, 1991  
DOCUMENT TYPE: technical ISSN: 0001-0782 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 12604 LINE COUNT: 01023

... various ways, and retrieves a matching set. Depending on the choice  
of keywords used in storage and retrieval , keyword systems may provide  
adequate performance. However, the semantics of the keywords used in  
retrieval is unavailable to either the storage or retrieval  
algorithms of such a system. Because of this, they can neither organize  
the components in a...

...browsing, nor can they in any way infer the "meaning" of the special set  
of keywords used in the query . In Definity 75/85, for example, we found  
that the words "connect," "cut-through," and...

20/3,K/72 (Item 19 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01425511 SUPPLIER NUMBER: 10541693 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Unix on the small screen. (Image Concepts' C-Quest ESP) (includes related  
article on Sun Microsystems Inc.'s VideoPix system)  
Hildebrand, J.D.  
UNIX Review, v9, n4, p26(4)  
April, 1991  
ISSN: 0742-3136 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1511 LINE COUNT: 00117

... and full-motion video sequences stored on disk, tape, or laser disc. Then they could **query** the **database** by **keyword**. Matching images were previewed on the screen via the Parallax board and Image Concepts's X...

20/3,K/73 (Item 20 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01395846 SUPPLIER NUMBER: 11485978  
Searching for text retrieval. (limitations of information text-based retrieval systems) (includes related article on text-based information retrieval system)  
Kador, John  
Database Programming & Design, v4, n11, p62(4)  
Nov, 1991  
ISSN: 0895-4518 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: TIMSs) can be a costly and inefficient means of locating documents, despite the advantages of **key word** search. Using Boolean **query** logic as the basis for the search **algorithm**, the system is liable to retrieve irrelevant documents. In addition, the system requires the costly and error-prone method of manually placing document identifiers in the text. Compared to a traditional **data base** management system, a TIMS is useful only when managing large volumes of unstructured text, and ...

20/3,K/74 (Item 21 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01358119 SUPPLIER NUMBER: 08223678 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Quick search library. (Ziff Communication Co.'s Computer Library) (Software Review) (evaluation)  
Pepper, Jon  
Software Magazine, v10, n3, p97(1)  
March, 1990  
DOCUMENT TYPE: evaluation ISSN: 0897-8085 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 624 LINE COUNT: 00049

... but probably unnecessary for many users. To search for an article, you simple enter the **keywords** with the **Query** function Bluefish responds by **searching** the **database** and listing **matches** for each keyword or phrase, as well as any documents with cross-matches.  
Bluefish supports...

20/3,K/75 (Item 22 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01304029 SUPPLIER NUMBER: 07457562 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Alleviating the heartbreak of service and support: Answer and Lysis. (text data base systems for customer support)  
Release 1.0, v89, n6, p11(6)  
July 13, 1989

ISSN: 1047-935X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2345 LINE COUNT: 00181

... updating of support knowledge bases are Lysis Corp. of Atlanta, with Support Information System, and Answer Corp. of San Jose, with A priori. Both companies sell software packages for customer support...

...000 per seat (plus hardware). These packages manage databases of typical customer questions and appropriate answers for retrieval by internal customer support staff answering phone calls. Of course, as Lysis founder and president Deborah Fain notes, "There may be 50 ways to ask a question that all need the same answer ." The support reps match the customer questions to questions already in the database using key words , indexes, and other techniques to narrow the search , and the database displays the correct answer .

Unlike other support systems, they not only provide support information to support people, but they...

20/3,K/76 (Item 23 from file: 275)  
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01304026 SUPPLIER NUMBER: 07456826 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
The wonderful world of text. (overview of special issue on text software)  
RELEASE 1.0, v89, n6, p1(3)  
July 13, 1989  
ISSN: 1047-935X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 12854 LINE COUNT: 01002

... updating of support knowledge bases are Lysis Corp. of Atlanta, with Support Information System, and Answer Corp. of San Jose, with A priori. Both companies sell software packages for customer support...

...000 per seat (plus hardware). These packages manage databases of typical customer questions and appropriate answers for retrieval by internal customer support staff answering phone calls. Of course, as Lysis founder and president Deborah Fain notes, "There may be 50 ways to ask a question that all need the same answer ." The support reps match the customer questions to questions already in the database using key words , indexes, and other techniques to narrow the search , and the database displays the correct answer .

Unlike other support systems, they not only provide support information to support people, but they...

20/3,K/77 (Item 24 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01164069 SUPPLIER NUMBER: 04258872  
Free text databases: ideal for browsing, researching and retrieving.  
Johnson, Brian  
Data Base Monthly, v6, n6, p25(4)  
June, 1986  
ISSN: 0276-5721 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: huge quantities of textual information, such as reports, speeches, articles, etc., is the free text retrieval system (FTRS) or free text database . A user can quickly and easily search any size, shape,

or structure of text from...

...FTRSs can be used to solve the problems which occur when searching random information without **keywords**, indexing, or perfectly-worded **questions**. The Atomic Energy Research Authority in Great Britain has developed the STATUS FTRS which is...

20/3,K/78 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2005 The Gale group. All rts. reserv.

05914471 SUPPLIER NUMBER: 65806155 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Reviewing the World Wide Web--Theory Versus Reality.**  
SWEETLAND, JAMES H.  
Library Trends, 48, 4, 748  
Spring, 2000  
ISSN: 0024-2594 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 10282 LINE COUNT: 00807

... search. The following are among the elements that are suggested as part of an ideal **database**: full and variable proximity **searching**; word adjacency limits, if any; search of literals and stopwords as part of phrases; automatic...

...subject indexing; and which data elements are searchable versus only displayable. SCOUG also asks several **questions** about KWIC (key word in context) display.

None of the Choice reviews went into such detail. However, thirty-seven...

20/3,K/79 (Item 2 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2005 The Gale group. All rts. reserv.

05489447 SUPPLIER NUMBER: 54796472 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**AVAILABILITY AND COST OF WEB-BASED BIBLIOGRAPHIC SEARCH SERVICES. (World Wide Web)**  
Library Technology Reports, 35, 1, 7  
Jan, 1999  
ISSN: 0024-2586 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 45904 LINE COUNT: 04199

... readers. Examples include Facts on File and the Funk & Wagnalls New World Encyclopedia.

An EBSCOhost **search** begins with **database** selection from a displayed list that includes content descriptions, search tips, and information about searchable...

...restrictions. The basic search screen contains a text box for entry of search terms as **keywords** or in a natural language **question**. Alternatively, users can browse a subject list, a publications list, or **database**-specific indexes. **Searches** can be limited by date, to articles from specific publications, to items in a library...

...terms, and proximity commands. An expert search screen supports the advanced features plus command-line **searching**, **database**-specific limiters, and **search** histories. Some databases support concept charts that display EBSCO's subject authority file

Search results...

20/3,K/80 (Item 3 from file: 47)  
DIALOG(R) File 47:Gale Group Magazine DB(TM)  
(c) 2005 The Gale group. All rts. reserv.

05044821 SUPPLIER NUMBER: 20089204 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**What the White House tapes really show. (White House Communications Agency and tapes of White House coffees with supporters) (includes related article on President's knowledge of goings-on within White House)**  
Cottle, Michael  
Washington Monthly, v29, n12, p10(6)  
Dec, 1997  
ISSN: 0043-0633 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3377 LINE COUNT: 00267

... White House Military Office, so WHCA officials didn't know the White House wanted the **database** searched specifically for coffee footage, and certainly nobody at WMCA had thought to **query** the **database** using the **keyword** "coffee."

The **question** of whether this apparent display of stunning incompetence was in fact intentional will likely be...

20/3,K/81 (Item 4 from file: 47)  
DIALOG(R) File 47:Gale Group Magazine DB(TM)  
(c) 2005 The Gale group. All rts. reserv.

04135965 SUPPLIER NUMBER: 16200524 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Solving the mysteries of error messages. (includes related articles on salvaging lost data, Windows 4.0 error handling and after-the-fact solutions) (Windows Detective) (Tutorial)**  
Lasky, Michael S.  
PC World, v12, n9, p219(5)  
Sept, 1994  
DOCUMENT TYPE: Tutorial ISSN: 0737-8939 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 4224 LINE COUNT: 00312

... on its Microsoft Knowledge Base on CompuServe (GO MSKB). If you want to use the **database**, first download the document "**Query Keywords** for the Microsoft Knowledge Base." It also appears as Document Q96132, which is retrievable via...

20/3,K/82 (Item 1 from file: 636)  
DIALOG(R) File 636:Gale Group Newsletter DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

04105775 Supplier Number: 53981887 (USE FORMAT 7 FOR FULLTEXT)  
**NEW PUBLICATIONS.**  
Rapid Prototyping Report, v9, n2, pNA  
Feb, 1999  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 303

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...consulting firm located in Amherst, New Hampshire, has published 3D Rapid Prototyping Patents 99, a **database** and software **search** utility that contains more than 475 United States patents relating to rapid prototyping and solid...

...to Al Hastbaka, founder of Chatham Research (and senior vice president of Sanders Prototyping), the **searchable database** uses Adobe's Acrobat Reader software and lets you construct logical **queries** to locate **key words** or phrases, not just in patent abstracts, but throughout a patent's entire text. Once...

...information, costs \$495 and includes the Adobe Acrobat Reader software. A CD ROM with a **searchable database** of patent abstracts with drawings, but not the full patent texts, is available for \$225...

20/3,K/83 (Item 2 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

02624143 Supplier Number: 45310376 (USE FORMAT 7 FOR FULLTEXT)

**Prodigy & Infonautics Intro Homework Helper 02/01/95**

Newsbytes, pN/A

Feb 1, 1995

Language: English Record Type: Fulltext

Document Type: Newswire; General Trade

Word Count: 554

... produce data, it produces answers."

He continued, "Commonly, a user types a single word to **search** a **database** and hopes he or she has chosen the correct word -- often waiting for a search...

...The user then chooses another word to search and then waits again. Homework helper will **answer** questions instead of doing one word searches. Instead of searching 'Shakespeare' as a single word...

...When the data is produced, it is ranked to suggest which article best reflects the **question** and each downloaded article highlights **key words** from the **question** ."

Newsbytes notes the searches took as little as three seconds to as long as eight...

20/3,K/84 (Item 3 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

02593001 Supplier Number: 45242804 (USE FORMAT 7 FOR FULLTEXT)

**QUESTEL\*ORBIT UNVEILS NEW WWW SERVER AT IOLIM**

M2 Presswire, pN/A

Jan 3, 1995

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 504

... Questel\*Orbit can help them. Searchers can learn about the Questel\*Orbit online service; review **answers** to frequently asked **questions** ; read newsletter articles; perform **keyword searches** on **database** descriptions; view relevant press releases; stay abreast of the latest documentation; and even telnet directly...

**20/3,K/85 (Item 1 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

08429466 Supplier Number: 71722592 (USE FORMAT 7 FOR FULLTEXT)  
**PlanetWare's Online Travel Encyclopedia.**  
Quinby, Douglas  
Leisure Travel News, v17, n9, p13  
March 5, 2001  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 298

... interactive maps and portal pages that offer extensive links to related Web sites. Users may **query** a **database** with **keyword** **searches** as well as through 150 interest categories.

PlanetWare also offers group subscription rates to travel...

**20/3,K/86 (Item 2 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

07530343 Supplier Number: 62902505 (USE FORMAT 7 FOR FULLTEXT)  
**HP adds Linux mgmt. to its OpenView mix. (Company Business and Marketing)**  
Songini, Marc  
Network World, p8  
June 19, 2000  
Language: English Record Type: Fulltext  
Document Type: Tabloid; Trade  
Word Count: 648

... will offer a new search engine on its site to let users conduct advanced troubleshooting **queries** in the HP online **database**.

This **search** engine will have much greater capacity than before. For instance, a user can input the...

...general manager of services and support for HP OpenView. Previously, users were limited to simple **keyword** **queries**. Also on the way is a portal where OpenView users can share data about products...

**20/3,K/87 (Item 3 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

04536684 Supplier Number: 46665989 (USE FORMAT 7 FOR FULLTEXT)  
**The Cyberspace Secretary**  
Photographic Trade News, p8  
Sept, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 333

... more than an Internet browser for searching and downloading images cataloged by the Cumulus Network **Database**. Using **keyword** and text-based **queries**, user's will be able to search among thousands of pictures, Quicktime movies and digital...

20/3,K/88 (Item 4 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

04399957 Supplier Number: 46454448 (USE FORMAT 7 FOR FULLTEXT)  
**NSXpert helps troubleshoot NetWare woes: Hyperlinked databases lead administrators to answers**  
InfoWorld, pN02  
June 10, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 820

... general PC database, as well as a table of contents and a users' manual.

To search NSXpert's database, you can either create a query or browse its hypermedia links. To create a query, you click on the Query button and start typing in keywords. After each word, NSXpert displays a "hit count" that shows how many times it has...

20/3,K/89 (Item 5 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

04350502 Supplier Number: 46380808 (USE FORMAT 7 FOR FULLTEXT)  
**EE Times offering on-line directory**  
Electronic Engineering Times, p2  
May 13, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 95

... EBN Online site (<http://techweb.cmp.com/ebn>), the Interactive Sourcing Directory is a relational database that users can query either through a keyword search or by navigating through a simple menu structure to quickly find which manufacturers or...

20/3,K/90 (Item 6 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

04074565 Supplier Number: 45933140 (USE FORMAT 7 FOR FULLTEXT)  
**E-mail interoperability software: A gold-plated solution, part 2**  
InfoWorld, p118  
Nov 13, 1995  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 4391

... first or last name of someone in an organization, you can use this feature to search the global database for the missing information, including the person's correct E-mail address. This means that if you send the information you do know to the QBM address in query form with appropriate keywords, chances are you'll receive a reply with the information you need. For example, by...

20/3,K/91 (Item 7 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

03914405 Supplier Number: 45649596 (USE FORMAT 7 FOR FULLTEXT)  
**Excalibur boosts imaging products, divides indirect sales efforts**  
Computer Reseller News, p62  
July 3, 1995  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 245

... adaptive pattern-recognition processing, a technique that looks for the best possible match to a **query** when scanning a **database**. Basically, **keyword** errors do not block the "fuzzy search" capability of the application, said Mike Kennedy, president...

20/3,K/92 (Item 8 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

02177621 Supplier Number: 42832572 (USE FORMAT 7 FOR FULLTEXT)  
**WAIS: Is It the Lotus 1-2-3 of the Internet?**  
CommunicationsWeek, p17  
March 16, 1992  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 515

... text, or can incorporate graphic images or be generated dynamically as a result of a **database query**. The server accepts **queries** using the Z39.50 protocol and returns names of documents and the content of those documents. A typical server accepts queries in natural English, translating the **query** into **key words** with which to **search** the **database**.

Clients can talk to lots of different servers on the Internet. A single query may...

20/3,K/93 (Item 9 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

01177425 Supplier Number: 41345112  
**Law Firm Opt for Macintoshes Instead of PCs**  
PC Week, p105  
May 22, 1990  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Tabloid; General Trade

**ABSTRACT:**

...optical jukebox. Micro Dynamics's accompanying full-text-search software allows the lawyers to utilize **key words** to **query** the **database**. Full operation of the system started in 2/90. ....

Set	Items	Description
S1	0	AU=(THYAGARAJAN V? OR THYAGARAJAN, V?)
S2	741650	REPOSITORY? OR DATABASE OR (DATA OR CENTRAL) ()FILE OR DATA- ()BASE? OR DB OR STORAGE?
S3	3378193	RETRIEV? OR SEARCH? OR QUER? OR FIND? OR MATCH? OR COMPAR?
S4	1402543	FAQ? ? OR QUESTION? OR QUERY OR QUERIES OR INQUIR? OR ENQU- IR?
S5	1224785	ANSWER? OR RESPONSE? ?
S6	72569	KEYWORD? OR KEYPHRASE? OR KEYCLAUSE? OR KEY() (WORD? OR PHR- ASE? OR CLAUSE? OR TERM?)
S7	56382	S2(5N)S3
S8	987	S4(5N)S6
S9	47	S7(25N)S8
S10	9	S9(20N)S5
S11	2417	S7(S)S5
S12	208	S8(S)S5
S13	12	S11(S)S8
S14	12	S12(S)S7
S15	62	S7(S)S8
S16	2	S15(S) (CONVOLUTION? OR VECTOR? OR ALGORITHM?)
S17	63	S9 OR S10 OR S13 OR S14 OR S15 OR S16
S18	47	S17 NOT PY>2001
S19	35	S18 NOT PD=20010510:20050105
S20	28	RD (unique items)
File 624:McGraw-Hill Publications 1985-2004/Dec 28		
(c) 2004 McGraw-Hill Co. Inc		
File 484:Periodical Abs Plustext 1986-2005/Jan W1		
(c) 2005 ProQuest		
File 613:PR Newswire 1999-2005/Jan 03		
(c) 2005 PR Newswire Association Inc		
File 813:PR Newswire 1987-1999/Apr 30		
(c) 1999 PR Newswire Association Inc		
File 141:Readers Guide 1983-2004/Sep		
(c) 2004 The HW Wilson Co		
File 239:Mathsci 1940-2004/Feb		
(c) 2004 American Mathematical Society		
File 370:Science 1996-1999/Jul W3		
(c) 1999 AAAS		
File 696:DIALOG Telecom. Newsletters 1995-2005/Jan 04		
(c) 2005 The Dialog Corp.		
File 553:Wilson Bus. Abs. FullText 1982-2004/Sep		
(c) 2004 The HW Wilson Co		
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Jan 05		
(c) 2005 The Gale Group		
File 674:Computer News Fulltext 1989-2004/Dec W2		
(c) 2004 IDG Communications		

**20/3,K/1 (Item 1 from file: 624)**  
DIALOG(R) File 624:McGraw-Hill Publications  
(c) 2004 McGraw-Hill Co. Inc. All rts. reserv.

0618111  
**IBM WANTS TO SOUP UP IMAGE FINDING**  
EDITED BY NEIL GROSS  
Business Week, Number 3401, Pg 149  
November 28, 1994  
JOURNAL CODE: BW  
SECTION HEADING: Developments to Watch ISSN: 0007-7135  
WORD COUNT: 193

TEXT:

... in databases. Consumers can browse through electronic catalogs that include product photos. But they can **search** only by using **database queries** and **keywords**, such as ``apparel'' or ``appliance.'' Try calling up suits in a particular shade or pattern...

**20/3,K/2 (Item 1 from file: 484)**  
DIALOG(R) File 484:Periodical Abs Plustext  
(c) 2005 ProQuest. All rts. reserv.

05061636 SUPPLIER NUMBER: 73258601 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**The state of the art in distributed query processing**  
Kossmann, Donald  
ACM Computing Surveys (ACI), v32 n4, p422-469, p.48  
Dec 2000  
ISSN: 0360-0300 JOURNAL CODE: ACI  
DOCUMENT TYPE: Feature  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 21807

TEXT:

... works in these systems.  
Categories and Subject Descriptors: E.5 [Data:]: Files; H.2.4 [  
**Database Management Systems:]: Distributed Databases, Query Processing;**  
H.2.5 [**Heterogeneous Databases:]: Data Translation**  
General Terms: Algorithms, Performance  
Additional Key Words and Phrases: **Query optimization, query execution, client-server databases, middleware, multitier architectures, database application systems, wrappers, replication, caching, economic models...**

**20/3,K/3 (Item 2 from file: 484)**  
DIALOG(R) File 484:Periodical Abs Plustext  
(c) 2005 ProQuest. All rts. reserv.

04872961 SUPPLIER NUMBER: 59614022 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Cultivating student research and study skills in Web-based learning environments**  
Goett, Jennifer A; Foote, Kenneth E  
Journal of Geography in Higher Education (JGHE), v24 n1, p92-99, p.8  
Mar 2000  
ISSN: 0309-8265 JOURNAL CODE: JGHE  
DOCUMENT TYPE: Feature  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2545

TEXT:

... compare results obtained with different search engines and databases using targets containing different combinations of **keywords**. Writing **queries**. Search engines differ in the syntax they use for queries. To perform Boolean searches, for...

...OR, NOT; others use symbols like + (plus), - (minus), or = (equal) or abbreviations. Before using a **search** engine or **database**, students should learn its rules of syntax by studying the online help and documentation files...

**20/3,K/4 (Item 3 from file: 484)**

DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2005 ProQuest. All rts. reserv.

04811839 SUPPLIER NUMBER: 56328703 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Assessment of physical activity by self-report: Status, limitations, and future directions**

Sallis, James F; Saelens, Brian E  
Research Quarterly for Exercise & Sport (IRQX), v71 n2, p1-14, p.14  
Jun 2000  
ISSN: 0270-1367 JOURNAL CODE: IRQX  
DOCUMENT TYPE: Feature  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 5144

TEXT:

... physical activity measurement, and (c) articles from 1990 to 1999 obtained from Medline and PsychINFO **database searches**. Specific references used to compute each reliability and criterion validity mean are available from the first author. **Database searches** were conducted by entering as a **keyword** the name of each **questionnaire** and also by the **keyword** search of "physical activity" and "self report" or "interview".

Results

Measures for Youth

Seventeen instruments...

**20/3,K/5 (Item 4 from file: 484)**

DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2005 ProQuest. All rts. reserv.

04744233 SUPPLIER NUMBER: 52836372 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Seeking smarter searches**

Foust, Jeff  
Technology Review (TCR), v103 n3, p26, p.1  
May/Jun 2000  
ISSN: 1099-274X JOURNAL CODE: TCR  
DOCUMENT TYPE: Feature  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 559

TEXT:

... from the U.S. Census to the Internet Movie Database. When a user asks a **question**, Fact City uses **keywords** from the **query** to **find** the right **database**, then the right **answer**. The scheme relies on a large vocabulary of pre-selected keywords: over 500 alone for...

20/3,K/6 (Item 5 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2005 ProQuest. All rts. reserv.

04144430 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Hypermedia as an educational technology: A review of the quantitative research literature on learner comprehension, control, and style**  
Dillon, Andrew; Gabbard, Ralph  
Review of Educational Research (GRER), v68 n3, p322-349, p.28  
Fall 1998  
ISSN: 0034-6543 JOURNAL CODE: GRER  
DOCUMENT TYPE: Feature  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 13831

TEXT:

... lag this involves is indicative of all research domains served by the academic databases.

Multiple **searches** were performed on each **database**. **Searching** on the **queries** hypermedia and learning and hypertext and learning yielded 397 citations in ERIC alone from 1990-1995. A second ERIC search using the **keyword query** hypermedia.maj. and (learning or (instructional.adj (effectiveness or design))).maj. resulted in 101 citations...

...with the first set of results; duplicates were eliminated. A PsycLIT search initiated with the **keyword query** (hypertext or hypermedia) and (cognit\* or learning or study).resulted in 63 citations. Each citation...

...for this article.

A final round of searches was completed in fall 1996. The ERIC **database** was **searched** via the **keyword query** hypermedia.maj. and (learning or (instructional.adj (effectiveness or design))).maj, with the years limited to 1995 and 1996 (to capture new entries); this resulted in 21 citations. The PsycLIT **database** was **searched** via the **keyword query** (hypertext or hypermedia) and (cognit\* or learning or study), resulting in six citations. The two...

20/3,K/7 (Item 6 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2005 ProQuest. All rts. reserv.

04105154 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**How to organize digital archives**  
Low, Lafe  
Folio: The Magazine for Magazine Management (FOL), v27 n18 (Special Sourcebook Issue for 1999 Supplement), p235-236, p.2  
1999  
ISSN: 0046-4333 JOURNAL CODE: FOL  
DOCUMENT TYPE: Feature  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1568

TEXT:

... audio and video files. Production users can search for archived images or page files using **keyword** or natural language **database queries**, so archive **searches** can be as broad or specific as needed. Digitalasset management systems also provide thumbnail views...

**20/3,K/8 (Item 7 from file: 484)**  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2005 ProQuest. All rts. reserv.

04044184 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Checkpoint for tax information**

Haas, Leslie  
Database (DTB), v21 n6, p37-40, p.3  
Dec 1998  
ISSN: 0162-4105 JOURNAL CODE: DTB  
DOCUMENT TYPE: Feature  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1948

**TEXT:**

... page are for single users. For multiuser pricing, contact an RIA Group Sales Representative.

**TAX SEARCHING**

The database 's main menu highlights the search options available to the user-Table of Contents, Citation Search, Quick Search, State Search Wizard...

...search is through the General Search Option. Similar to using other full-text databases, enter keywords or phrases and General Search queries as many modules of the database as needed.

While the first box on the General Search Template is where you type

...

**20/3,K/9 (Item 8 from file: 484)**  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2005 ProQuest. All rts. reserv.

03530434 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**What the White House tapes really show**  
Cottle, Michelle  
Washington Monthly (GTWM), v29 n12, p10-15, p.6  
Dec 1997  
ISSN: 0043-0633 JOURNAL CODE: GTWM  
DOCUMENT TYPE: Commentary  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2567

**TEXT:**

... White House Military Office, so WHCA officials didn't know the White House wanted the database searched specifically for coffee footage, and certainly nobody at WHCA had thought to query the database using the keyword "coffee."

The question of whether this apparent display of stunning incompetence was in fact intentional will likely be...

**20/3,K/10 (Item 9 from file: 484)**  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2005 ProQuest. All rts. reserv.

03334333 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Asset management builds equity and revenues**

Low, Lafe  
Folio: The Magazine for Magazine Management (FOL), v26 n9, p48-50, p.2  
Jul 1, 1997  
ISSN: 0046-4333 JOURNAL CODE: FOL  
DOCUMENT TYPE: Feature  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1645

TEXT:

... audio and video files. Production users can search for archived images or page files using **keyword** or natural language **database queries**, so archive **searches** can be as broad or specific as needed. Digital-asset management systems also provide thumbnail...

20/3,K/11 (Item 10 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2005 ProQuest. All rts. reserv.

03142406 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Cyberspace 2000: Dealing with information overload**  
Berghel, Hal  
Communications of the ACM (GACM), v40 n2, p19-24, p.6  
Feb 1997  
ISSN: 0001-0782 JOURNAL CODE: GACM  
DOCUMENT TYPE: Feature  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2929

TEXT:

... species of search engine typically consists of an HTML, form-based interface for submitting a **query**, an indexed **database** with an internal string **matching** routine, and some form of network indexer (which subsumes such entities as spiders, wanderers, crawlers...

...of servers visited, the nature of the document extraction routines, and the robustness of the **keyword**-based, Boolean **query** interface varies by developer, all current search engines seem to target about the same level  
...

20/3,K/12 (Item 11 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2005 ProQuest. All rts. reserv.

02715774 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Robot-generated databases on the World Wide Web**  
Kimmel, Stacey  
Database (DTB), v19 n1, p40-49  
Feb 1996  
ISSN: 0162-4105 JOURNAL CODE: DTB  
DOCUMENT TYPE: Feature  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 4074 LENGTH: Long (31+ col inches)

TEXT:

... and the robot identifies hypertext links on the page that point to unknown (unvisited) documents. **Algorithms** are used to determine which of these new links to follow. An **algorithm** might direct a robot to find representative documents from as many servers as possible (breadth...

...generated databases use as many as five to ten robots to build and update a **database**.

After documents are **retrieved**, relevant information is extracted and indexed in a database. The structure of HTML documents is...

...relevance than a document with a search word in the body text. The robot-based **database** is made available to **searchers**, who can submit **queries** by entering **keywords** and other criteria on a WWW-based search form.

#### DATABASES GENERATED BY WEB ROBOTS Databases...

**20/3,K/13 (Item 12 from file: 484)**  
DIALOG(R)File 484:Periodical Abs Plustext  
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02625371 (USE FORMAT 7 OR 9 FOR FULLTEXT)

#### **Interoperability**

Irvin, Steve

InfoWorld (IFW), v17 n46, p130-132

Nov 13, 1995

ISSN: 0199-6649 JOURNAL CODE: IFW

DOCUMENT TYPE: Product Review-Favorable

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1295 LENGTH: Long (31+ col inches)

#### TEXT:

... first or last name of someone in an organization, you can use this feature to **search** the global **database** for the missing information, including the person's correct E-mail address. This means that if you send the information you do know to the QBM address in **query** form with appropriate **keywords**, chances are you'll receive a reply with the information you need. For example, by...

**20/3,K/14 (Item 13 from file: 484)**  
DIALOG(R)File 484:Periodical Abs Plustext  
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02617775 (USE FORMAT 7 OR 9 FOR FULLTEXT)

#### **E-mail interoperability software: A gold-plated solution**

Irvin, Steve

InfoWorld (IFW), v17 n46, p118-136

Nov 13, 1995

ISSN: 0199-6649 JOURNAL CODE: IFW

DOCUMENT TYPE: Product Review-Favorable

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 7443 LENGTH: Long (31+ col inches)

#### TEXT:

... first or last name of someone in an organization, you can use this feature to **search** the global **database** for the missing information, including the person's correct E-mail address. This means that if you send the information you do know to the QBM address in **query** form with appropriate **keywords**, chances are you'll receive a reply with the information you need. For example, by...

**20/3,K/15 (Item 14 from file: 484)**

DIALOG(R) File 484:Periodical Abs Plustext  
(c) 2005 ProQuest. All rts. reserv.

02379491 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Reviews: Minlog

Leavens, Peter B

Mineralogical Record (GMIR), v26 n3, p234-235

May 1995

ISSN: 0026-4628 JOURNAL CODE: GMIR

DOCUMENT TYPE: Product Review-Favorable

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1853 LENGTH: Long (31+ col inches)

TEXT:

... whether based on locality, history, occurrence, habit, acquisition, etc.); and the specimens can be selectively retrieved from the database using reports which query specifically for the user-defined keywords . This provides some flexibility, which Joe Nagel's Museum Database System is designed to address...

20/3,K/16 (Item 15 from file: 484)

DIALOG(R) File 484:Periodical Abs Plustext

(c) 2005 ProQuest. All rts. reserv.

02131146 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Molecular modelling in the undergraduate chemistry curriculum: The use of (beta)-lactams as a case study

Ringan, Neil S; Grayson, Lisa

Journal of Chemical Education (ICHE), v71 n10, p856-859

Oct 1994

ISSN: 0021-9584 JOURNAL CODE: ICHE

DOCUMENT TYPE: Feature

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2608 LENGTH: Long (31+ col inches)

TEXT:

... accessed on the Science and Engineering Research Council (SERC) VAX at Daresbury Laboratories, England. This database has an associated search and retrieval system called Crystal Structure Search and Retrieval (CSSR), which was used by the students. This query language allows the user to scan the database using either keywords or a query structure. In order to identify the range of penicillins for which crystal structures had been deposited in the database , query structure 1 was created by the students during the search session and used to scan the database for matches . ( Query structure 1 omitted)

From a total of 35 hits in the database, penicillin G (2...

20/3,K/17, (Item 1 from file: 613)

DIALOG(R) File 613:PR Newswire

(c) 2005 PR Newswire Association Inc. All rts. reserv.

00430208 20001005DCTH015 (USE FORMAT 7 FOR FULLTEXT)

Carroll Publishing Selects I411.Com to Power Online Government Offerings

PR Newswire

Thursday, October 5, 2000 09:33 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSPWIRE

WORD COUNT: 528

...to cope with dead ends or irrelevant search results.

Using multidimensional category drill-downs or **keyword queries** (or any combination thereof), i411's technology allows users to learn as they search.

In...

...need without the use of pull-down menus or other limitations presented by conventional relational **database** systems. i411's Next Generation **Search TM** technology is lightning fast and will shift the paradigm for how users get the...

**20/3,K/18 (Item 2 from file: 613)**  
DIALOG(R)File 613:PR Newswire  
(c) 2005 PR Newswire Association Inc. All rts. reserv.

00326927 20000504CLTH004 (USE FORMAT 7 FOR FULLTEXT)  
**Sant's Erfpmaster 4.5 Manages Requests for Proposals Over the Internet**  
PR Newswire  
Thursday, May 4, 2000 10:00 EDT  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 474

TEXT:  
...The software automatically imports the user's RFP, identifies the questions, then searches through each **question** to find the **key words** and phrases. Based on this search, eRFPMaster then **retrieves** the best **answers** from the **database** of corporate-approved information. (A user can also conduct a manual **search** of the **database**, looking for additional content, as appropriate.)

**20/3,K/19 (Item 1 from file: 813)**  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1243908 DCTU004  
**ProcedureWRITE's New Webmaster Controls Take the Headaches Out of Managing Policy and Procedure Intranets**

DATE: March 17, 1998 09:01 EST WORD COUNT: 601

... reports and master document listings, global search and replace utilities across all documents, and powerful **database query** and **keyword search** features.

Among the features that are unique to ProcedureWRITE v.2.0 is the ability...

**20/3,K/20 (Item 2 from file: 813)**

DIALOG(R) File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1001912 a6710  
**Seagate Software Licences Fulcrum Software Products for Far-Reaching Customer Support Application**

DATE: September 30, 1996 11:58 EDT WORD COUNT: 1,120

...TM), Fulcrum's search software customized for Web servers, will be used to index and **search** the Notes **database** on the Web. Users will be able to enter the site and, with popular Web...

...term highlighting and hit-term navigation. Fulcrum software will allow Seagate Software customers to pose **questions** with **keywords** and natural-language phrases in order to find useful information, and to refine their searches...

**20/3,K/21 (Item 3 from file: 813)**

DIALOG(R) File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1000943 a6524  
**TO BUSINESS AND FINANCIAL EDITORS:**

DATE: September 30, 1996 08:56 EDT WORD COUNT: 1,119

...TM), Fulcrum's search software customized for Web servers, will be used to index and **search** the Notes **database** on the Web. Users will be able to enter the site and, with popular Web...

...term highlighting and hit-term navigation. Fulcrum software will allow Seagate Software customers to pose **questions** with **keywords** and natural-language phrases in order to find useful information, and to refine their searches...

**20/3,K/22 (Item 4 from file: 813)**

DIALOG(R) File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0975561 NYTU080  
**FULCRUM CHOSEN BY DISCLOSURE AS SEARCH SOFTWARE FOR WEB-BASED FINANCIAL INFORMATION SERVICE**

DATE: July 23, 1996 12:09 EDT WORD COUNT: 615

...companies worldwide. Fulcrum's software permits full-text searching, so that users can type in **key words** or natural-language **queries** to retrieve public companies' filings in Disclosure's EDGAR **database** (Electronic Data Gathering, Analysis and **Retrieval**, the electronic method of filing implemented by the U.S. Securities and Exchange Commission).

William...

**20/3,K/23 (Item 1 from file: 141)**  
DIALOG(R)File 141:Readers Guide  
(c) 2004 The HW Wilson Co. All rts. reserv.

04278393 H.W. WILSON RECORD NUMBER: BRGA00028393 (USE FORMAT 7 FOR FULLTEXT)  
**Seeking smarter searches.**  
Foust, Jeff.  
Technology Review (Cambridge, Mass.: 1998) v. 103 no3 (May/June 2000) p. 26

WORD COUNT: 591

(USE FORMAT 7 FOR FULLTEXT)

...ABSTRACT: from the U.S. Census to the Internet Movie Database. When a user asks a **question**, Fact City uses **keywords** from the **query** to locate the right **database**, then the correct **answer**. Other start-ups, such as Why.com of Cambridge, Massachusetts, believe better search methods could...

TEXT:

... from the U.S. Census to the Internet Movie Database. When a user asks a **question**, Fact City uses **keywords** from the **query** to **find** the right **database**, then the right **answer**. The scheme relies on a large vocabulary of pre-selected keywords: over 500 alone for...

**20/3,K/24 (Item 2 from file: 141)**  
DIALOG(R)File 141:Readers Guide  
(c) 2004 The HW Wilson Co. All rts. reserv.

03008758 H.W. WILSON RECORD NUMBER: BRGA95008758 (USE FORMAT 7 FOR FULLTEXT)  
**Windows detective: solving the mysteries of error messages.**  
Lasky, Michael S.  
PC World (PC World) v. 12 (Sept. '94) p. 219-22+  
WORD COUNT: 4266

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... on its Microsoft Knowledge Base on CompuServe (GO MSKB). If you want to use the **database**, first download the document "Query **Keywords** for the Microsoft Knowledge Base." It also appears as Document Q96132, which is retrievable via...

**20/3,K/25 (Item 1 from file: 553)**  
DIALOG(R)File 553:Wilson Bus. Abs. FullText  
(c) 2004 The HW Wilson Co. All rts. reserv.

03849830 H.W. WILSON RECORD NUMBER: BWBA98099830 (USE FORMAT 7 FOR FULLTEXT)  
**Recovering and learning from service failure.**  
Tax, Stephen S  
Brown, Stephen W  
Sloan Management Review (Sloan Manage Rev) v. 40 no1 (Fall '98) p. 75-88  
LANGUAGE: English  
WORD COUNT: 9130

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... firms are now using Internet websites to facilitate service recovery. Cisco Systems has created a **database** that provides a **key word search** of **questions** and **answers** provided to other customers. As new problems arise, they are added to the database. For...

**20/3,K/26 (Item 1 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou. (R)  
(c) 2005 The Gale Group. All rts. reserv.

02441806 Supplier Number: 61238712 (USE FORMAT 7 FOR FULLTEXT)

**Web-Ignite and Mamma.com Team Up for Premium Search-Result Placement; New Online Service Optimizes Search Results.**

Business Wire, p0276

March 31, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 420

... Qualifying companies can choose one of three options: 1) Give Mamma.com direct access to **query** their **database** ; 2) Provide Mamma.com with a list of **keywords** to trigger a **query** ; or 3) Complete an Excel spreadsheet provided by Mamma.com that includes all relevant keywords...

**20/3,K/27 (Item 2 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou. (R)  
(c) 2005 The Gale Group. All rts. reserv.

01552350 Supplier Number: 47851788 (USE FORMAT 7 FOR FULLTEXT)

**Marketwave Introduces New Web Traffic Analysis Tools Designed To Track Employee-Generated Intranet Traffic.**

Business Wire, p07220186

July 22, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 595

... 495, is designed for complex, high-traffic intranets and proxy servers and includes QuickList(TM) **database** technology, **database query reporting**, **search engine keyword** reports and three types of secured remote reports. Fully functional 21-day trial versions of...

**20/3,K/28 (Item 1 from file: 674)**

DIALOG(R)File 674:Computer News Fulltext  
(c) 2004 IDG Communications. All rts. reserv.

085132

**HP adds Linux mgmt. to its OpenView mix**

Byline: MARC SONGINI

Journal: Network World Page Number: 8

Publication Date: June 19, 2000

Word Count: 639 Line Count: 59

Text:

... will offer a new search engine on its site to let users conduct advanced troubleshooting **queries** in the HP online **database**. This **search** engine will have much greater capacity than before. For instance, a user can input the...

... general manager of services and support for HP OpenView. Previously, users were limited to simple **keyword queries**. Also on the way is a portal where OpenView users can share data about products...

```

Set      Items    Description
S1      25       AU=(THYAGARAJAN V? OR THYAGARAJAN, V?)
S2      1733610   REPOSITORY? OR DATABASE OR (DATA OR CENTRAL)()FILE OR DATA-
                ()BASE? OR DB OR STORAGE?
S3      10079125   RETRIEV? OR SEARCH? OR QUER? OR FIND? OR MATCH? OR COMPAR?
S4      1084909    FAQ? ? OR QUESTION? OR QUERY OR QUERIES OR INQUIR? OR ENQU-
                IR?
S5      3114574    ANSWER? OR RESPONSE? ?
S6      45312     KEYWORD? OR KEYPHRASE? OR KEYCLAUSE? OR KEY() (WORD? OR PHR-
                ASE? OR CLAUSE? OR TERM?)
S7      115567    S2(5N)S3
S8      983       S4(5N)S6
S9      217       S7 AND S8
S10     52        S9 AND S5
S11     25        S10 NOT PY>2001
S12     24        RD (unique items)
? show file;t 12/5/all
File   8:Ei Compendex(R) 1970-2005/Dec W4
      (c) 2005 Elsevier Eng. Info. Inc.
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      (c) 2004 Japan Science and Tech Corp(JST)
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      (c) 2004 NTIS, Intl Cpyrgh All Rights Res
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      (c) 2004 INIST/CNRS
File   434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
      (c) 1998 Inst for Sci Info
File   34:SciSearch(R) Cited Ref Sci 1990-2005/Jan W1
      (c) 2005 Inst for Sci Info
File   99:Wilson Appl. Sci & Tech Abs 1983-2004/Nov
      (c) 2004 The HW Wilson Co.
File   95:TEME-Technology & Management 1989-2004/Jun W1
      (c) 2004 FIZ TECHNIK

```

12/5/1 (Item 1 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

06024596 E.I. No: EIP02126895315  
**Title:** Using natural language to access databases on the web  
**Author:** Shi, Hongchi; Shang, Yi; Ren, Fuji  
**Corporate Source:** Dept. of Comp. Eng. and Comp. Sci. University of Missouri-Columbia, Columbia, MO 65211, United States  
**Conference Title:** 2001 IEEE International Conference on Systems, Man and Cybernetics  
**Conference Location:** Tucson, AZ, United States **Conference Date:** 20011007-20011010  
**E.I. Conference No.:** 59055  
**Source:** Proceedings of the IEEE International Conference on Systems, Man and Cybernetics v 1 2001. p 429-434 (IEEE cat n 01CH37236)  
**Publication Year:** 2001  
**CODEN:** PICYE3 **ISSN:** 0884-3627  
**Language:** English  
**Document Type:** CA; (Conference Article) **Treatment:** T; (Theoretical)  
**Journal Announcement:** 0203W4  
**Abstract:** As the traditional relational databases and the new XML document repositories are being widely used on the Web as information storage, there is a great need for easy access to the information sources, particularly through natural language interactions. In this paper, we present the design and implementation of an intelligent system that interacts with users using a natural language, English, and retrieves information from sources, for the users. The system consists of four major parts: part of speech tagging, query knowledge base, query formation, and **answer** synthesis. In implementation, the system first uses QTAG, a Hidden Markov Model based speech part tagger, to tag each word in the input sentence. Then, important words in the main phrase are identified. A thesaurus is applied to reduce the important words to basic **keywords**, which are used to **query** the **database**. The **query** is formed based on the query knowledge stored in the query knowledge base. Finally, the query result is synthesized into an English sentence, which is presented to the user as the **answer**. With an efficient part of speech tagger, intelligent subsystems for query formation and synthesis of query result, and user-friendly interface, the intelligent system can **answer** questions effectively. 10 Refs.  
**Descriptors:** \*Natural language processing systems; Relational database systems; World Wide Web; User interfaces; Learning systems; Information retrieval; Query languages; Knowledge based systems; Mathematical models; Markov processes; Thesauri  
**Identifiers:** Intelligent system; Speech tagging; Hidden Markov model  
**Classification Codes:**  
723.1.1 (Computer Programming Languages)  
723.2 (Data Processing); 723.3 (Database Systems); 723.5 (Computer Applications); 722.2 (Computer Peripheral Equipment); 723.4 (Artificial Intelligence); 723.1 (Computer Programming)  
723 (Computer Software, Data Handling & Applications); 722 (Computer Hardware)  
72 (COMPUTERS & DATA PROCESSING)

12/5/2 (Item 2 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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05942628 E.I. No: EIP01476735387

**Title:** Expressive retrieval from XML documents  
**Author:** Chinenyanga, T.T.; Kushmerick, N.  
**Corporate Source:** Smart Media Institute Computer Science Department  
**University College Dublin, Dublin 4, Ireland**  
**Conference Title:** 24th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval  
**Conference Location:** New Orleans, LA, United States **Conference Date:** 20010909-20010913  
**Sponsor:** IBM Research; AMERICA ONLINE; MICROSOFT RESEARCH; CIIR  
**E.I. Conference No.:** 58701  
**Source:** SIGIR Forum (ACM Special Interest Group on Information Retrieval)  
2001. p 163-171  
**Publication Year:** 2001  
**CODEN:** FASRDV **ISSN:** 0163-5840  
**Language:** English  
**Document Type:** CA; (Conference Article) **Treatment:** T; (Theoretical)  
**Journal Announcement:** 0111W4  
**Abstract:** The emergence of XML as a standard interchange format for structured documents/data has given rise to many XML query language proposals. However, some of these languages do not support information retrieval-style ranked queries based on textual similarity. There have been several extensions to these **query** languages to support **keyword** search, but the resulting **query** languages cannot express queries such as "find books and CDs with similar titles". Either these extensions use keywords as mere boolean filters, or similarities can be calculated only between data values and constants rather than two data values. We propose ELIXIR, an expressive and efficient language for XML information retrieval that extends the query language XML-QL with a textual similarity operator. ELIXIR is a general-purpose XML information retrieval language, sufficiently expressive to handle the above query. Our algorithm for **answering** ELIXIR queries rewrites the original ELIXIR query into a series of XML-QL queries that generate intermediate relational data, and uses relational database techniques to efficiently evaluate the similarity operators on this intermediate data, yielding an XML document with nodes ranked by similarity. Our experiments demonstrate that our prototype scales well with the size of the XML data and complexity of the query. 27  
**Refs.**  
**Descriptors:** \*Information **retrieval** ; XML; Relational **database** systems ; **Query** languages; Compact disks; Computational complexity; Algorithms  
**Identifiers:** Expressive retrieval  
**Classification Codes:**  
723.1.1 (Computer Programming Languages); 752.3.1 (Sound Reproduction Equipment)  
903.3 (Information Retrieval & Use); 723.1 (Computer Programming);  
723.3 (Database Systems); 722.1 (Data Storage, Equipment & Techniques);  
752.3 (Sound Reproduction); 721.1 (Computer Theory (Includes Formal Logic, Automata Theory, Switching Theory & Programming Theory))  
903 (Information Science); 723 (Computer Software, Data Handling & Applications); 722 (Computer Hardware); 752 (Sound Devices, Equipment & Systems); 721 (Computer Circuits & Logic Elements)  
90 (ENGINEERING, GENERAL); 72 (COMPUTERS & DATA PROCESSING); 75 (SOUND & ACOUSTICAL TECHNOLOGY)

12/5/3 (Item 3 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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05597873 E.I. No: EIP00075230812  
**Title:** Semantic cache mechanism for heterogeneous Web querying  
**Author:** Chidlovskii, Boris; Roncancio, Claudia; Schneider, Marie-Luise

Corporate Source: Xerox Research Cent Europe, Grenoble, Fr  
Conference Title: The WWW8: 8th International World Wide Web Conference  
Conference Location: Toronto, Ont., Can Conference Date:  
19990511-19990514

E.I. Conference No.: 56977

Source: Computer Networks v 31 n 11 1999. p 1347-1360

Publication Year: 1999

CODEN: 003195 ISSN: 1389-1286

Language: English

Document Type: JA; (Journal Article) Treatment: T; (Theoretical)

Journal Announcement: 0008W3

Abstract: In Web-based searching systems that access distributed information providers, efficient query processing requires an advanced caching mechanism to reduce the **query response** time. The **keyword**-based querying is often the only way to retrieve data from Web providers, and therefore standard page-based and tuple-based caching mechanisms turn out to be improper for such a task. In this work, we develop a mechanism for efficient caching of Web queries and the **answers** received from heterogeneous Web providers. We also report results of experiments and show how the caching mechanism is implemented in the Knowledge Broker system.  
(Author abstract) 22 Refs.

Descriptors: \*World Wide Web; **Search** engines; **Query** languages; Buffer storage ; Computational linguistics; Computer systems programming; **Response** time (computer systems); Data recording; Data acquisition

Identifiers: Semantic caches

Classification Codes:

723.1.1 (Computer Programming Languages)

723.1 (Computer Programming); 722.1 (Data Storage, Equipment & Techniques); 721.1 (Computer Theory, Includes Formal Logic, Automata Theory, Switching Theory, Programming Theory); 722.4 (Digital Computers & Systems); 723.2 (Data Processing)

723 (Computer Software); 722 (Computer Hardware); 721 (Computer Circuits & Logic Elements)

72 (COMPUTERS & DATA PROCESSING).

12/5/4 (Item 4 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

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04820802 E.I. No: EIP97093824085

Title: Proceedings of the 1997 2nd IFCIS International Conference on Cooperative Information Systems, CoopIS 97

Author: Chen, A.L.P. (Ed.); Klas, W. (Ed.); Singh, M.P. (Ed.)

Conference Title: Proceedings of the 1997 2nd IFCIS International Conference on Cooperative Information Systems, CoopIS 97

Conference Location: Kiawah Island, SC, USA Conference Date:  
19970624-19970627

Sponsor: IEEE

E.I. Conference No.: 46968

Source: Proceedings of the IFCIS International Conference on Cooperative Information Systems, CoopIS 1997. IEEE, Los Alamitos, CA, USA, 97TB100143. 232p

Publication Year: 1997

CODEN: 002663

Language: English

Document Type: CP; (Conference Proceedings) Treatment: A;  
(Applications); G; (General Review); T; (Theoretical)

Journal Announcement: 9711W1

Abstract: The proceedings contains 30 papers from the Second IFCIS International Conference on Cooperative Information Systems. Topics

discussed include: object oriented databases; distributed multiuser hypermedia environment; constrained work spaces; knowledge configuration detection; task sharing; approximate reasoning; multiagent systems; mediation enabling algebra; distributed workflow enactment service; view maintenance anomalies; multidatabase systems; interoperability programming; context-based naming; intelligent resource agent architecture; information sources; information mediators; ontology-based distributed information systems; keyword spotting technique; query answering function; video on demand; and universal relation interface.

Descriptors: \*Management information systems; Relational database systems; Distributed database systems; Query languages; Distributed computer systems; Interactive computer systems; Data structures; Information retrieval; Information dissemination; Information services

Identifiers: Cooperative information systems; Computer supported cooperative work (CSCW); Cooperative activity model (CoACT); Knowledge discovery in databases (KDD); Problem solving agent (PSA); Workflow management system (WFMS); Mediator author's toolkit (MAT); Knowledge query manipulation language (KQML); Common object request broker architecture (CORBA); EiRev

Classification Codes:  
723.2 (Data Processing); 723.3 (Database Systems); 722.4 (Digital Computers & Systems); 903.3 (Information Retrieval & Use); 903.2 (Information Dissemination); 903.4 (Information Services)

723 (Computer Software); 722 (Computer Hardware); 903 (Information Science)

72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING)

12/5/5 (Item 5 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)  
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04175520 E.I. No: EIP95052724585

Title: Efficient processing of proximity queries for large databases  
Author: Aref, Walid G.; Barbara, Daniel; Johnson, Stephen; Mehrotra, Sharad

Corporate Source: Matsushita Information Technology Lab, Princeton, NJ, USA

Conference Title: Proceedings of the 1995 IEEE 11th International Conference on Data Engineering

Conference Location: Taipei, Taiwan Conference Date: 19950306-19950310

Sponsor: IEEE; National Tsing Hua University

E.I. Conference No.: 43044

Source: Proceedings - IEEE International Conference on Data Engineering 1995. IEEE, Los Alamitos, CA, USA. p 147-154

Publication Year: 1995

CODEN: 002055 ISSN: 1063-6382

Language: English

Document Type: CA; (Conference Article) Treatment: A; (Applications)

Journal Announcement: 9507W4

Abstract: Emerging multimedia applications require database systems to provide support for new types of objects and to process queries that may have no parallel in traditional database applications. One such important class of queries are the proximity queries that aims to retrieve objects in the database that are related by a distance metric in a way that is specified by the query. The importance of proximity queries has earlier been realized in developing constructs for visual languages. In this paper, we present algorithms for answering a class of proximity queries - fixed-radius nearest-neighbor queries over point objects. Processing proximity queries using existing query processing techniques results in

high CPU and I/O costs. We develop new algorithms to **answer** proximity queries over objects that lie in the one-dimensional space (e.g., words in a document). The algorithms exploit query semantics to reduce the CPU and I/O costs, and hence improve performance. We also show how our algorithms can be generalized to handle d-dimensional objects. (Author abstract) 13  
Refs.

Descriptors: \*Query languages; Algorithms; Computational linguistics; Costs; Data processing; Computer graphics; Data structures

Identifiers: Proximity **queries**; Visual languages; Multimedia applications; **Keywords**

Classification Codes:

723.3 (Database Systems); 721.1 (Computer Theory, Includes Formal Logic, Automata Theory, Switching Theory, Programming Theory); 723.2 (Data Processing); 723.5 (Computer Applications)

723 (Computer Software); 721 (Computer Circuits & Logic Elements)

72 (COMPUTERS & DATA PROCESSING)

**12/5/6 (Item 6 from file: 8)**

DIALOG(R)File 8:Ei Compendex(R)

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01042524 E.I. Monthly No: EI8109072715 E.I. Yearly No: EI81023581

Title: DEVELOPMENT OF A KEYWORD INQUIRY MATCHER (KIM) FOR A MEDICAL RELATIONAL DATABASE .

Author: Poole, F.; McMillan, R.; Short, D.; Anderson, J.

Source: Proc Annu Symp Comput Appl Med Care 4th, Proc of the Annu Conf of the Soc for Adv Med Syst, 12th, vol 3, Washington, DC, Nov 1-5 1980. Publ by IEEE (Cat n 80CH1570-1), Piscataway, NJ, 1980 p 1501-1506

Publication Year: 1980

CODEN: PCMCDC

Language: ENGLISH

Journal Announcement: 8109

Abstract: One of the important aspects of a database is that users should be able to access it in a conversational mode and become familiar with the system. KIM tries to create an environment where the user who was not familiar with the system can **find** out how to use the **database** and its **query** language. The implementation of KIM has been on a Zilog Z80 microprocessor system using the BASIC language. The medical database was a distributed medical relational database about hospital patients. During the dialogue the program extracts and matches key words to find relations and may suggest ways to **answer** the **query** from the **database** using commands. 4 refs.

Descriptors: \*DATA BASE SYSTEMS; DATA PROCESSING--Medical Information

Classification Codes:

723 (Computer Software)

72 (COMPUTERS & DATA PROCESSING)

**12/5/7 (Item 1 from file: 35)**

DIALOG(R)File 35:Dissertation Abs Online

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01423204 ORDER NO: AADAA-I9520952

APPROXIMATE ANSWERS IN INTELLIGENT SYSTEMS (INFORMATION RETRIEVAL, QUERY)

Author: RIBEIRO, BERTHIER DE ARAUJO NETO

Degree: PH.D.

Year: 1995

Corporate Source/Institution: UNIVERSITY OF CALIFORNIA, LOS ANGELES (0031)

Chair: RICHARD MUNTZ  
Source: VOLUME 56/03-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 1545. 168 PAGES  
Descriptors: COMPUTER SCIENCE  
Descriptor Codes: 0984

This dissertation investigates the problem of approximate query **answering** in the context of bibliographic and relational database systems. A bibliographic database is a collection of documents (i.e., books, proceedings, reports) indexed by keywords. The user searches for the documents of his interest by specifying a set of **keywords**. Thus, a user's **query** request is inherently vague. Bibliographic databases are commonly referred to in the literature as information **retrieval** (IR) systems. A relational **database** system is a collection of relations. The user searches for the tuples of his interest by specifying a query in SQL--a high level query language which is precise. However, many modern applications (e.g., geographical information systems and medical applications) require the system to implement some notion of approximation to facilitate the user's **querying** process. A relational **database** extended to allow approximate **queries** is commonly referred to in the literature as a cooperative database system.

Our work proposes the application of Bayesian belief networks for generating approximate **answers** in the context of IR and cooperative database systems. Further, we also propose a fuzzy set model for cooperative databases.

The network model we propose for IR is an alternative to the Turtle & Croft Inference Network Model and overcomes important drawbacks of that model. For instance, our model subsumes all classic models in IR while theirs does not. Further, our model can be extended with information from **responses** to previous query requests to yield improved retrieval performance.

We also propose a second belief network model which can include information about relevant documents provided by the user--a process usually referred to as user relevance feedback. We show that this network model can be extended with information from previous feedback cycles to yield improved retrieval performance when compared to strategies based on the Rocchio formulation.

In the context of cooperative databases, we propose a belief network model which can be successfully used to merge semantic metric distances, complex queries, and a ranking strategy in consistent fashion. Through examples, we illustrate the main advantages of this model.

The fuzzy set model we propose for cooperative databases is based on two basic principles that can be easily grasped by the user. As a result, the user is able to mentally mimic the system behavior to gain greater understanding of the ranking.

12/5/8 (Item 1 from file: 2)  
DIALOG(R)File 2:INSPEC  
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7161918 INSPEC Abstract Number: C2002-02-7250R-065  
**Title:** Using natural language to access databases on the Web  
**Author(s):** Hongchi Shi; Yi Shang; Ren, F.  
**Author Affiliation:** Dept. of Comput. Eng. & Comput. Sci., Missouri Univ., Columbia, MO, USA  
**Conference Title:** 2001 IEEE International Conference on Systems, Man and Cybernetics. e-Systems and e-Man for Cybernetics in Cyberspace (Cat.No.01CH37236) Part vol.1 p.429-34 vol.1  
**Publisher:** IEEE, Piscataway, NJ, USA

Publication Date: 2001 Country of Publication: USA 5 vol.3494 pp.  
ISBN: 0 7803 7087 2 Material Identity Number: XX-2001-02198  
U.S. Copyright Clearance Center Code: 0-7803-7087-2/01/\$10.00  
Conference Title: Proceedings of IEEE International Conference on  
Systems, Man & Cybernetics  
Conference Sponsor: Raytheon  
Conference Date: 7-10 Oct. 2001 Conference Location: Tucson, AZ, USA  
Language: English Document Type: Conference Paper (PA)  
Treatment: Practical (P)  
Abstract: As the traditional relational databases and the new XML document repositories are being widely used on the Web as information storage, there is a great need for easy access to the information sources, particularly through natural language interactions. In this paper, we present the design and implementation of an intelligent system that interacts with users using a natural language, English, and retrieves information from sources, for the users. The system consists of four major parts: part of speech tagging, query knowledge base, query formation, and **answer** synthesis. In implementation, the system first uses QTAG, a Hidden Markov Model based speech part tagger, to tag each word in the input sentence. Then, important words in the main phrase are identified. A thesaurus is applied to reduce the important words to basic **keywords**, which are used to **query** the **database**. The **query** is formed based on the query knowledge stored in the query knowledge base. Finally, the query result is synthesized into an English sentence, which is presented to the user as the **answer**. With an efficient part of speech tagger, intelligent subsystems for query formation and synthesis of query result, and user-friendly interface, the intelligent system can **answer** questions effectively. (10 Refs)

Subfile: C  
Descriptors: natural language interfaces; query formulation; query processing; relational databases  
Identifiers: relational databases; XML document repositories; information storage; natural language interactions; intelligent system; information retrieval; part of speech tagger; query formation  
Class Codes: C7250R (Information retrieval techniques); C6160 (Database management systems (DBMS)); C6180N (Natural language processing)  
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12/5/9 (Item 2 from file: 2)  
DIALOG(R)File 2:INSPEC  
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7006326 INSPEC Abstract Number: C2001-09-7250R-043  
**Title:** Description of preliminary results to TREC-8 QA task  
Author(s): Chuan-Jie Lin; Hsin-Wsi Chen  
Author Affiliation: Dept. of Comput. Sci. & Inf. Eng., Nat. Taiwan Univ.,  
Taipei, Taiwan  
Conference Title: Information Technology: Eighth Text REtrieval  
Conference (TREC-8) (NIST SP 500-246) p.507-12  
Editor(s): Voorhees, E.M.; Harman, D.K.  
Publisher: NIST, Gaithersburg, MD, USA  
Publication Date: 2000 Country of Publication: USA xxix+1147 pp.  
Material Identity Number: XX-2001-01522  
Conference Title: Information Technology: Eighth Text REtrieval  
Conference (TREC-8)  
Conference Sponsor: NIST; Defense Adv. Res. Projects Agency  
Conference Date: 16-19 Nov. 1999 Conference Location: Gaithersburg,  
MD, USA  
Language: English Document Type: Conference Paper (PA)  
Treatment: Practical (P)

**Abstract:** Concerns question **answering** (QA) on the very large virtual database on the Internet. QA is defined to find the exact **answer**, which can meet the users' need more precisely, from a huge unstructured **database**. Traditional information **retrieval** systems cannot afford to resolve this problem; users have to find out the **answers** by themselves from the documents returned by information retrieval systems, and some retrieved documents may be irrelevant to the **question**. Two possible approaches, i.e., **keyword** matching and template extraction, are considered. Keyword matching postulates that the **answering** text contains most of the keywords. In other words, it carries enough information relevant to the question. Using templates is a form of information extraction. Document contents are represented as templates. To **answer** a question, a QA system selects an appropriate template, fills it, and finally offers the **answer**. The major difficulties in this approach are to find general domain templates, and to decide which template can be applied to **answer** the question. Some other techniques are also useful. For example, to **answer** the questions "Who..." and "When...", the identification of named entities like person names and time/date expressions will help to locate the **answer**. In our preliminary study, we adopt keyword-matching strategy coupling with expanding the **keyword** set selected from the **question** sentence using synonyms and morphological forms. (1 Refs)

Subfile: C

Descriptors: content-based retrieval; Internet

Identifiers: TREC-8 QA task; question **answering**; very large virtual database; Internet; information retrieval systems; IRS; keyword matching; template extraction; information extraction; named entities; person names; time expressions; synonyms; morphological forms; date expressions

Class Codes: C7250R (Information retrieval techniques); C6160 (Database management systems (DBMS)); C7210N (Information networks)

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12/5/10 (Item 3 from file: 2)  
DIALOG(R)File 2:INSPEC  
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6635481 INSPEC Abstract Number: C2000-08-7250R-017

Title: **Automated FAQ answering : continued experience with shallow language understanding**

Author(s): Sneiders, E.

Author Affiliation: Dept. of Comput. & Syst. Sci., Stockholm Univ., Sweden

Conference Title: Question Answering Systems. Papers from the 1999 AAAI Fall Symposium p.97-107

Publisher: AAAI Press, Menlo Park, CA, USA

Publication Date: 1999 Country of Publication: USA xii+107 pp.

ISBN: 1 57735 104 5 Material Identity Number: XX-1999-03228

Conference Title: Proceedings of Question Answering Systems

Conference Date: 5-7 Nov. 1999 Conference Location: North Falmouth, MA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A); Practical (P)

Abstract: The subject of this research is development of an evolving automated FAQ (frequently asked question) **answering** system that provides pre-stored **answers** to user questions asked in ordinary English. The natural language processing technique developed for FAQ retrieval does not analyze user queries; instead, analysis is applied to FAQs in the **database** long before any user **queries** are submitted. Thus, the work of **FAQ** retrieval is reduced to **keyword** matching without inferring; the system still creates an illusion of intelligence. Additional research is done in

order to process phrases. The system is designed for ordinary websites such as those belonging to university laboratories, software developers, etc. (10 Refs)

Subfile: C

Descriptors: information retrieval; natural languages; online front-ends

Identifiers: shallow language understanding; automated frequently asked question answering system; pre-stored answer; natural language processing technique; keyword matching; websites

Class Codes: C7250R (Information retrieval techniques); C6180N (Natural language processing); C7250N (Search engines)

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12/5/11 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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6542826 INSPEC Abstract Number: C2000-05-7250N-003

Title: Implementing advanced Internet search engines

Author(s): Lorenz, G.; Dangi, S.; Jones, D.; Carpenter, P.; Shenoi, S.

Author Affiliation: Dept. of Comput. Sci., Tulsa Univ., OK, USA

Conference Title: Database Security XI. Status and Prospects. IFIP TC11 WG11.3 Eleventh International Conference on Database Security p.389-91

Editor(s): Lin, T.Y.; Qian, S.

Publisher: Chapman & Hall, London, UK

Publication Date: 1998 Country of Publication: UK vi+391 pp.

ISBN: 0 412 82090 0 Material Identity Number: XX-1997-02702

Conference Title: Proceedings of 11th Annual IFIP WG 11.3 Working Conference on Database Security

Conference Date: 10-13 Aug. 1997 Conference Location: Lake Tahoe, CA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Current Internet search tools, e.g., Yahoo! and AltaVista, are relatively simple. Their reliance on indexed files containing keyword-to-IP-address mappings limits them to handling low-level keyword queries. Future Internet search tools will be much more sophisticated (Y. Arens et al., 1993; L. Liu and C. Pu, 1997). They will employ metadata repositories to support content based querying and distributed, persistent agents performing a variety of functions, including data gathering, metadata extraction, data mining and information fusion. Users could create swarms of persistent search agents that would range the Internet in response to sophisticated queries, keeping them informed about updates and terminating only on explicit user directives. Clearly, such search engines will pose serious threats to security and privacy. The article shows the architecture of an advanced search engine being developed at the University of Tulsa to evaluate security and privacy threats. The server houses a metadata repository, a base agent and various search agents. The metadata repository maintains schema information about information repositories, including structured, semi structured and unstructured sources. It is continually refreshed by metadata daemons, persistent agents that search for new information sources, old sources that are no longer accessible and those whose schemas have been modified. (6 Refs)

Subfile: C

Descriptors: data privacy; information retrieval; Internet; meta data; object-oriented programming; search engines; software agents

Identifiers: advanced Internet search engines; Internet search tools; metadata repositories; content based querying; distributed persistent agents; data gathering; metadata extraction; data mining; information fusion; persistent search agents; sophisticated queries; explicit user directives; security; search agents; advanced search engine; privacy threat

evaluation; schema information; information repositories; unstructured sources; structured sources; metadata daemons; persistent agents; information sources

Class Codes: C7250N (Search engines); C7210N (Information networks); C6150N (Distributed systems software); C6130S (Data security); C6170 (Expert systems and other AI software and techniques); C7250R (Information retrieval techniques); C6110J (Object-oriented programming)

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12/5/12 (Item 5 from file: 2)

DIALOG(R) File 2:INSPEC

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6176522 INSPEC Abstract Number: C1999-04-7330-078

Title: Hypertext versus Boolean access to biomedical information: a comparison of effectiveness, efficiency, and user preferences

Author(s): Wildemuth, B.M.; Friedman, C.P.; Downs, S.M.

Author Affiliation: North Carolina Univ., Chapel Hill, NC, USA

Journal: ACM Transactions on Computer-Human Interaction vol.5, no.2 p.156-83

Publisher: ACM,

Publication Date: June 1998 Country of Publication: USA

CODEN: ATCIF4 ISSN: 1073-0516

SICI: 1073-0516(199806)5:2L.156:HVBA;1-F

Material Identity Number: A126-1999-001

U.S. Copyright Clearance Center Code: 1073-0516/98/0600-0156\$5.00

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: This study compared two modes of access to a biomedical database, in terms of their effectiveness and efficiency in supporting clinical problem solving and in terms of user preferences. Boolean access, which allowed subjects to frame their queries as combinations of keywords, was compared to hypertext access, which allowed subjects to navigate from one database node to another. The accessible biomedical data were identical across system versions. Performance data were collected from two cohorts of first-year medical students, each student randomly assigned to either the Boolean or the hypertext system. Additional attitudinal data were collected from the second cohort. At each of two research sessions (one just before and one just after their bacteriology course), subjects worked eight clinical case problems, first using only their personal knowledge and, subsequently, with aid from the database. Database retrievals enabled students to answer questions they could not answer based on personal knowledge alone. This effect was greater when personal knowledge of bacteriology was lower. There were not statistically significant differences between the two forms of access, in terms of problem-solving effectiveness or efficiency. Students preferred Boolean access over hypertext access. (46 Refs)

Subfile: C

Descriptors: hypermedia; medical computing; problem solving; query processing

Identifiers: biomedical database; Boolean access; clinical problem solving; user preferences; hypertext access

Class Codes: C7330 (Biology and medical computing); C6170K (Knowledge engineering techniques); C6160 (Database management systems (DBMS)); C7250 (Information storage and retrieval); C6130M (Multimedia)

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12/5/13 (Item 6 from file: 2)

DIALOG(R) File 2:INSPEC

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04291631 INSPEC Abstract Number: C9301-7250-011  
**Title:** Customized extracts based on retrieval from a sentence dependency structure database  
Author(s): Craven, T.C.  
Author Affiliation: Sch. of Libr. & Inf. Sci., Western Ontario Univ.,  
Toronto, Ont., Canada  
Conference Title: ASIS '90. Proceedings of the 53rd ASIS Annual Meeting  
p.173-80  
Editor(s): Henderson, D.  
Publisher: American Soc. Inf. Sci, Medford, NJ, USA  
Publication Date: 1990 Country of Publication: USA xiv+393 pp.  
ISBN: 0 938734 48 2  
Conference Sponsor: ASIS  
Conference Date: 4-8 Nov. 1990 Conference Location: Toronto, Ont.,  
Canada  
Language: English Document Type: Conference Paper (PA)  
Treatment: Practical (P)  
Abstract: A method for the production of customized extracts from multiple texts is described. In response to a user's Boolean query, software first searches an inverted keyword file to determine an initial set of sentences. Depending on the option selected by the user, the software may use a table of sentence dependencies to modify the set using one or more of the following operations before final retrieval: keyword inheritance by dependent sentences; pruning of sentence dependency structures to shorten the extract; adding of sentences to provide context for understanding. An extended example is discussed. A prototype implementation of the method has been developed with an experimental test structure management system (TEXNET). (35 Refs)  
Subfile: C  
Descriptors: database management systems; information retrieval systems;  
word processing  
Identifiers: customized extracts; multiple texts; Boolean query; inverted keyword file; initial set; sentence dependencies; keyword inheritance;  
dependent sentences; sentence dependency structures; prototype implementation; experimental test structure management system  
Class Codes: C7250 (Information storage and retrieval); C6130D (Document processing techniques); C6160 (Database management systems (DBMS))

12/5/14 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

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03835020 INSPEC Abstract Number: C91024470  
**Title:** Access techniques for document image databases  
Author(s): Walker, F.L.; Thoma, G.R.  
Author Affiliation: Lister Hill Nat. Center for Biomed. Commun., Nat.  
Lib. of Med., Bethesda, MD, USA  
Journal: Library Trends vol.38, no.4 p.751-86  
Publication Date: Spring 1990 Country of Publication: USA  
CODEN: LIBTA3 ISSN: 0024-2594  
Language: English Document Type: Journal Paper (JP)  
Treatment: Practical (P)  
Abstract: In the most general sense, 'access' evokes the paradigm of a seeker of information asking a question of a machine which searches for and retrieves an answer. In a more practical vein, this entails accessing a bibliographic database by entering a query comprising key words or phrases, either free text or terms out of a controlled vocabulary, and receiving citations to the literature. In a database consisting of images,

say bitmapped digital images of documents stored on high density media such as optical disc, automated access actually may be done in several ways. The authors describe the access and retrieval techniques implemented as part of a research and development program in electronic imaging (EI) applied to document storage and retrieval applications at the National Library of Medicine (NLM). (6 Refs)

Subfile: C

Descriptors: document image processing; information retrieval systems; information services; library automation; medical computing

Identifiers: medical images; document image databases; bibliographic database; query; key words; phrases; controlled vocabulary; citations; bitmapped digital images; high density media; optical disc; automated access; retrieval techniques; research; electronic imaging; EI; document storage; retrieval applications; NLM

Class Codes: C7250L (Non-bibliographic systems); C7210L (Library automation); C5260B (Computer vision and picture processing); C7330 (Biology and medicine)

12/5/15 (Item 8 from file: 2)

DIALOG(R)File 2:INSPEC

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03471390 INSPEC Abstract Number: B89063921, C89063798

Title: An intelligent directory assistance system

Author(s): Tsuchida, H.; Iwase, S.; Ohyama, M.

Author Affiliation: NTT Electr. Commun. Lab., Kanagawa, Japan

Conference Title: Methodologies for Intelligent Systems, 3. Proceedings of the Third International Symposium p.160-9

Editor(s): Ras, Z.W.; Saitta, L.

Publisher: North-Holland, New York, NY, USA

Publication Date: 1988 Country of Publication: USA xii+496 pp.

ISBN: 0 444 01461 6

Conference Sponsor: Univ. North Carolina; Univ. Turin; Martin Marrietta Energy Syst.; Oak Ridge Nat. Lab.; et al

Conference Date: 12-15 Oct. 1988 Conference Location: Turin, Italy

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Major technical challenges are involved in the realization of a customer direct access-type intelligent directory assistance system for natural language interfaces. These include: the extraction method of essential keyword in an inquiry; and a conversion method which changes the extracted keyword to that used in telephone directory database retrieval system. The authors propose a system which applies knowledge processing to these problem solving techniques and verifies the system through prototyping. A 94% rate of telephone number responses was achieved with this system relative to the number of semantically understood inquiries which substantiates the validity of the problem solving techniques involved. (4 Refs)

Subfile: B C

Descriptors: automatic telephone systems; knowledge based systems; natural languages; problem solving; telecommunications computing; user interfaces

Identifiers: technical challenges; customer direct access-type intelligent directory assistance system; natural language interfaces; extraction method; essential keyword; conversion method; extracted keyword; telephone directory database retrieval; knowledge processing; problem solving techniques; prototyping; telephone number responses; semantically understood inquiries

Class Codes: B6210D (Telephony); C7410F (Communications); C7190 (Other

fields); C6170 (Expert systems); C6180N (Natural language processing)

12/5/16 (Item 9 from file: 2)  
DIALOG(R)File 2:INSPEC  
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02944808 INSPEC Abstract Number: C87049518  
**Title:** Towards an expert system for bibliographic retrieval: a PROLOG prototype  
Author(s): Watters, C.R.; Shepherd, M.A.; Robertson, W.  
Author Affiliation: Dept. of Math., Stat., & Comput. Sci., Dalhousie Univ., Halifax, NS, Canada  
Conference Title: Proceedings of the Tenth Annual International ACMSIGIR Conference on Research and Development in Information Retrieval p.272-81  
Editor(s): Yu, C.T.; Van Rijsbergen, C.J.  
Publisher: ACM Press, New York, NY, USA  
Publication Date: 1987 Country of Publication: USA vii+317 pp.  
ISBN: 0 89791 232 2  
U.S. Copyright Clearance Center Code: 089791 232 2/87/0006/0272-\$00.75  
Conference Date: 3-5 June 1987 Conference Location: New Orleans, LA, USA  
Language: English Document Type: Conference Paper (PA)  
Treatment: Practical (P)  
Abstract: An expert system for online bibliographic retrieval, developed in Prolog, would provide enhanced retrieval capabilities through the application of deductive reasoning. Such a system would permit knowledge-type queries to be asked in addition to the traditional keyword-type of queries. A concern with using Prolog to perform an online search of a million-record data base is that the response time would be unacceptable. In order to overcome this drawback two alternatives are examined: a special-purpose hardware device and an extended Prolog capability. (13 Refs)  
Subfile: C  
Descriptors: bibliographic systems; expert systems; user interfaces  
Identifiers: expert system; bibliographic retrieval; PROLOG prototype; deductive reasoning; knowledge-type queries; response time; special-purpose hardware; extended Prolog capability  
Class Codes: C7250C (Bibliographic systems)

12/5/17 (Item 1 from file: 6)  
DIALOG(R)File 6:NTIS  
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1707126 NTIS Accession Number: PB92-131374  
Index to the Monthly Hotline Report Questions (June 1982 to December 1991)  
Booz-Allen and Hamilton, Inc., Bethesda, MD.  
Corp. Source Codes: 049504000  
Sponsor: Environmental Protection Agency, Washington, DC. Office of Solid Waste and Emergency Response.  
Report No.: EPA/530/SW-91/094  
Dec 92 130p  
Languages: English  
Journal Announcement: GRAI9308  
See also PB92-131242 and PB92-131390. Sponsored by Environmental Protection Agency, Washington, DC. Office of Solid Waste and Emergency Response.  
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S.

customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A07/MF A02

Country of Publication: United States

Contract No.: EPA-68-WO-0039

The document provides four indices to the question and **answer** sections of the RCRA/Superfund/Oust Monthly Hotline Reports from June 1982 through December 1991. The first index is an alphabetical listing of question titles by year and month. The second index organizes the questions by regulatory citation, beginning with 40 CFR 257. The third index organizes the questions by statutory citation. Finally, the fourth index references the **questions** by **key word** or subject heading.

Descriptors: \*Information management; \*Waste management; \*Regulations; \*Indexes(Documentation); Hazardous materials; Waste disposal; Information retrieval ; Superfund; Listings; Toxic substances; Underground storage ; Storage tanks; Legal aspects; Public information

Identifiers: \*Hotline Reports; Emergency Planning and Community Right-to-Know Act; Resource Conservation and Recovery Act; Office of Underground Storage Tanks; NTISEPASW

Section Headings: 68C (Environmental Pollution and Control--Solid Wastes Pollution and Control); 88E (Library and Information Sciences--Reference Materials); 43F (Problem Solving Information for State and Local Governments--Environment); 91A (Urban and Regional Technology and Development--Environmental Management and Planning)

12/5/18 (Item 2 from file: 6)

DIALOG(R)File 6:NTIS

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1547511 NTIS Accession Number: PB91-115642

**NOAA Product Information Catalog. First Edition**

National Oceanic and Atmospheric Administration, Rockville, MD.

Corp. Source Codes: 030846000

Mar 88 195p

Languages: English

Journal Announcement: GRAI9104

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A09/MF A02

Country of Publication: United States

The catalog is the first comprehensive listing of products generated by the various components of NOAA. Under design is an electronic data base which will catalog all of NOAA's products. Operators will be trained to **answer** requests, **query** **data bases** and perform any number of **searches** on information that might be needed. **Keywords** will be cross referenced to **query** software programs, statistical summaries, and historical and or current data. In the future, the electronic catalog will generate the data base to produce updates of manual editions. Products are listed alphabetically, but are divided by the Line Organizations in NOAA. Each product is titled, has keyword identifiers, is described, cites the type of forms, notes the price, identifies a technical contact(s) and or telephone number(s), and provides the address to place an order. The Appendices include an Acronym list. NOAA's Regional Administrative Service contact points, Sea Grant's Marine Advisory contact points, and the NOAA Washington Metropolitan Area Personnel Locator and Organization Directory.

Descriptors: \*Catalogs(Publications); Information systems; Indexes(Documentation); Subject indexing; Abstracts

Identifiers: \*National Oceanic and Atmospheric Administration; Listings; NTISCOMNOA

Section Headings: 47GE (Ocean Technology and Engineering--General); 55GE (Atmospheric Sciences--General); 88E (Library and Information Sciences--Reference Materials); 88B (Library and Information Sciences--Information Systems)

12/5/19 (Item 3 from file: 6)

DIALOG(R)File 6:NTIS

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1530658 NTIS Accession Number: AD-A224 943/1

**Market Investigation for Automated Warehousing**

(Final technical rept. Oct 89-Jun 90)

Wing, T. ; Hedden, C. G.

Science Applications International Corp., McLean, VA. Military Operations Analysis Div.

Corp. Source Codes: 082583001; 415527

Report No.: SAIC-90/1223

28 Jun 90 81p

Languages: English

Journal Announcement: GRAI9023

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703) 605-6000 (other countries); fax at (703) 321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A05/MF A01

Country of Publication: United States

Contract No.: DAAK70-88-D-0014

This market investigation was conducted by the US Army Belvoir Research, Development and Engineering Center. The objective was to conduct a comprehensive market analysis of the current and developing automated material handling technologies that may be suitable for adaptation to an automated field warehousing system or individual components that may be integrated into such a system. The purpose of this technical report is to document the study effort which included a literature search, development of a questionnaire, distribution and collection of data from the questionnaire, analysis of the responses to the questionnaire, and selected site visits. **Keywords** : Warehouses, Materials handling, Automation, Storage / Retrieval system. (cp)

**Descriptors:** \*Automation; \*Materials handling; \*Warehouses; Case studies; Data acquisition; Information retrieval ; Literature surveys; Questionnaires; Response ; Storage

Identifiers: \*Market research; NTISDODXA

Section Headings: 41E (Manufacturing Technology--Manufacturing, Planning, Processing, and Control); 94G (Industrial and Mechanical Engineering--Manufacturing Processes and Materials Handling); 74E (Military Sciences--Logistics, Military Facilities, and Supplies)

12/5/20 (Item 4 from file: 6)

DIALOG(R)File 6:NTIS

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1508368 NTIS Accession Number: ED-314 062

**Problem Definition Process: A Guide to Research Strategies**

Pennsylvania State Library, Harrisburg.

Corp. Source Codes: 056682000

Jan 89 70p

Languages: English  
Journal Announcement: GRAI9015  
ACCESS PENNSYLVANIA: An Agenda for Knowledge and Information Through Libraries. For the 1985 curriculum guide, see ED 264 887.  
Available from ERIC Document Reproduction Service (Computer Microfilm International Corporation), 3900 Wheeler Ave., Alexandria, VA 22304-5110.  
NTIS Prices: Not available NTIS  
Country of Publication: United States  
Although this guide was designed to support 'Pennsylvania Online: A Curriculum Guide for School Library Media Centers' (1985), the State of Pennsylvania curriculum guide for online searching, many of its components are also suitable for use by school librarians when teaching the elements involved in searching for resources manually. Designed to assist students in formulating focused research questions, the guide provides lesson plans and worksheets for each of seven steps in the process of defining a research problem: (1) 'Developing the Research Question' encourages students to do preliminary reading to identify current issues within a subject field; (2) 'Identifying Key Words' helps students develop the skill of identifying key nouns for a **database search**; (3) 'Expanding Key Words' addresses synonyms, variant forms, and related terms; (4) 'Recognizing General and Specific Topics' helps students to narrow a topic; (5) 'Choosing Appropriate Terms' enables students to recognize and eliminate terms that are not related or compatible with the research **question**; (6) 'Recognizing the Relationship Between **Key Words**' instructs students in the most effective ways to select operators; and (7) 'Developing a Search Strategy' focuses on the selection of an appropriate subject category, selection of an appropriate database and analysis of its content, and deciding whether the search should be performed online or manually. **Answer** keys for the worksheets and a glossary of basic search terms are included. (SD).  
Descriptors: \*Library instruction; \*Online searching; \*Search strategies; \*Student research; Learning resources centers; Library skills; Reference materials; Research tools; Secondary education; State curriculum guides; Work sheets  
Identifiers: NTISHEWERI  
Section Headings: 92D (Behavior and Society--Education, Law, and Humanities); 88A (Library and Information Sciences--Operations and Planning)

12/5/21 (Item 5 from file: 6)  
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1488635 NTIS Accession Number: AD-A216 891/2  
ANSWER (Army's Nonprogramming System for Working Encyclopedia Requests). Phase 1  
(Final rept)  
Ryan, K. ; Hou, C. L. ; Shetti, D.  
Honeywell, Inc., Golden Valley, MN. Corporate Systems Development Div.  
Corp. Source Codes: 063578004; 416986  
Report No.: ASQBG-I-89-027  
15 Jun 89 55p  
Languages: English  
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NTIS Prices: PC A04/MF A01  
Country of Publication: United States

Contract No.: DAKF11-88-C-0024

This report describes research efforts into the access of distributed heterogeneous databases through an encyclopedia facility. Specifically, several data management tools that have been prototyped to date are described to include database registration, schema integration, browsing, and an Information Resource Dictionary System (IRDS) repository. Plans for future efforts to include AI techniques for data management, security, distributed query formulation, and distributed **query** processing are also discussed. **Keywords** : Data encyclopedia; Very large **database** ; Distributed **query** processing; Metadata. (jhd)

Descriptors: \*Data management; \*Distributed data processing; \*Information systems; Data bases; Distribution; Encyclopedias; Formulations; Heterogeneity; Interrogation; Management; Resource management

Identifiers: NTISDODXA

Section Headings: 88B (Library and Information Sciences--Information Systems); 62B (Computers, Control, and Information Theory--Computer Software)

12/5/22 (Item 1 from file: 144)

DIALOG(R) File 144:Pascal

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15317355 PASCAL No.: 02-0002922

**Pyramidal digest: An efficient model for abstracting text databases**

**DEXA 2001 : database and expert systems applications : Munich, 3-5**

**September 2001**

CHUANG Wesley T; PARKER D Stott

MAYR Heinrich C, ed; LAZANSKY Jiri, ed; QUIRCHMAYR Gerald, ed; VOGEL Pavel, ed

Computer Science Department, UCLA, Los Angeles, CA 90095, United States  
Database and expert systems applications. International conference, 12 (Munich DEU) 2001-09-03

Journal: Lecture notes in computer science, 2001, 2113 360-369

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No. of Refs.: 14 ref.

Document Type: P (Serial); C (Conference Proceedings) ; A (Analytic)

Country of Publication: Germany

Language: English

We present a novel model of automated composite text digest, the Pyramidal Digest. The model integrates traditional text summarization and text classification in that the digest not only serves as a "summary" but is also able to classify text segments of any given size, and **answer** queries relative to a context. "Pyramidal" refers to the fact that the digest is created in at least three dimensions: scope, granularity, and scale. The Pyramidal Digest is defined recursively as a structure of extracted and abstracted features that are obtained gradually --- from specific to general, and from large to small text segment size - through a combination of shallow parsing and machine learning algorithms. There are three noticeable threads of learning taking place: learning of characteristic relations, rhetorical relations, and lexical relations. Our model provides a principle for efficiently digesting large quantities of text: progressive learning can digest text by abstracting its significant features. This approach scales, with complexity bounded by  $O(n \log n)$ , where  $n$  is the size of the text. It offers a standard and systematic way of collecting as many semantic features as possible that are reachable by shallow parsing. It enables readers to **query** beyond **keyword** matches.

English Descriptors: Information **retrieval** ; **Database** ; Large scale; Data

analysis; Classification; Artificial intelligence; Learning algorithm;  
Text; Abstract; Thread

French Descriptors: Recherche information; Base donnee; Echelle grande;  
Analyse donnee; Classification; Intelligence artificielle; Algorithme  
apprentissage; Texte; Resume; Processus leger

Classification Codes: 001D02B07D

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12/5/23 (Item 2 from file: 144)

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14632776 PASCAL No.: 00-0303472  
**Semantic caching of Web queries**  
**Special issue on database technology and the World Wide Web**  
CHIDLOVSKII B; BORGHOFF U M  
ATZENI Paolo, ed; MENDELZON Alberto O, ed  
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Fakultaet fuer Informatik, Univ. der Bundeswehr Muenchen, 85577 Neubiberg,  
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Journal: (The) VLDB journal, 2000, 9 (1) 2-17  
ISSN: 1066-8888 Availability: INIST-26376; 354000088512800010  
No. of Refs.: 29 ref.  
Document Type: P (Serial) ; A (Analytic)  
Country of Publication: United States  
Language: English  
In meta-searchers accessing distributed Web-based information repositories, performance is a major issue. Efficient query processing requires an appropriate caching mechanism. Unfortunately, standard page-based as well as tuple-based caching mechanisms designed for conventional databases are not efficient on the Web, where keyword-based querying is often the only way to retrieve data. In this work, we study the problem of semantic caching of Web queries and develop a caching mechanism for conjunctive Web queries based on signature files. Our algorithms cope with both relations of semantic containment and intersection between a query and the corresponding cache items. We also develop the cache replacement strategy to treat situations when cached items differ in size and contribution when providing partial query **answers**. We report results of experiments and show how the caching mechanism is realized in the Knowledge Broker system.

English Descriptors: Performance evaluation; Database; World wide web;  
Semantics; Internet; **Keyword** ; Signing; File protection; **Database query** ; Algorithm; Boolean expression; **Query**

French Descriptors: Evaluation performance; Base donnee; Reseau WWW;  
Semantique; Internet; Mot cle; Signature; Protection\_fichier;  
Interrogation base donnee; Algorithme; Expression booleenne; Methode  
fichier signature; Semantic caching; chitecture cache; Gestion cache;  
Interrogation Web; Requete

Classification Codes: 001D04B03; 001D02B07D

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DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
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2107107 H.W. WILSON RECORD NUMBER: BAST00029794

**Seeking smarter searches**

Foust, Jeff;

Technology Review (Cambridge, Mass.: 1998) v. 103 no3 (May/June 2000) p. 26

DOCUMENT TYPE: Feature Article ISSN: 1099-274X LANGUAGE: English

RECORD STATUS: Corrected or revised record

**ABSTRACT:** Innovative Internet entrepreneurs are introducing many new strategies to make searching the Web a lot more productive. Calling itself the Internet's only "fact-finding engine," Fact City, a 1999 start-up in Waltham, Massachusetts, aggregates data sources ranging from the U.S. Census to the Internet Movie Database. When a user asks a **question**, Fact City uses keywords from the **query** to locate the right **database**, then the correct **answer**. Other start-ups, such as Why.com of Cambridge, Massachusetts, believe better search methods could let them compete with entrenched players such as Yahoo!, the Internet's most frequented site. When Why.com launches in the summer, visitors will be able to rate Web sites themselves, and sites with the highest ratings will get top billing in their respective categories.

**DESCRIPTORS:** Internet software;

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